



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

| PO No | Supplier | Line Item No | Rel No | Terms | Purchased Item | Description | For Part No | Project | Equipment ID | Order Qty | Due Date | Received Quantity | Accounting Job No | Container No | Status | Receive Date | Price/Unit | Aging Days | Past Due | Total | Supplier Name |
|---------|-----------|--------------|--------|--------|--------------------|---|-------------|---------|--------------|-----------|-----------|-------------------|-------------------|--------------|--------|--------------|---------------|------------|----------|------------|----------------------|
| P040358 | AC1001-VC | 3 | 1 | Net 30 | M6061T6S.250X6.250 | 6061-T651 Sheet 0.250" Thick Plate x 6.250" Wide : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft | | | | 6 | 7/13/2018 | 6 | | S090358 | Stock | 7/10/2018 | \$ 11.34 / ft | 0 | | \$68.01 | Acier Ouellette Inc. |
| | | 5 | 1 | | M6061T6S.250 | 6061T6 Sheet .250 : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf | | | | 32 | | 32 | | S090359 | Stock | 7/10/2018 | \$ 15.22 / sf | 0 | | \$487.16 | Acier Ouellette Inc. |
| | | 6 | 1 | | M304S20GA | 304/316 .040 Sheet : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 receive sf | | | | 256 | | 256 | | S090402 | Stock | 7/10/2018 | \$ 4.96 / sf | 0 | | \$1,269.87 | Acier Ouellette Inc. |
| | | 7 | 1 | | M304S18GA | 304/316 .050 Sheet : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 | | | | 192 | | 192 | | S090403 | Stock | 7/10/2018 | \$ 6.24 / sf | 0 | | \$1,198.45 | Acier Ouellette Inc. |
| | | 8 | 1 | | M304R0.375 | 304 Round Bar 0.375 : MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft | | | | 24 | | 24 | | S090360 | Stock | 7/10/2018 | \$ 1.19 / ft | 0 | | \$28.60 | Acier Ouellette Inc. |
| | | 9 | 1 | | M303R0.750 | 303 Round Bar 0.750 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft | | | | 96 | | 96 | | S090361 | Stock | 7/10/2018 | \$ 5.14 / ft | 0 | | \$493.06 | Acier Ouellette Inc. |
| | | 10 | 1 | | M303R0.250 | 303 Round Bar 0.250 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE | | | | 36 | | 36 | | S090362 | Stock | 7/10/2018 | \$ 0.59 / ft | 0 | | \$21.10 | Acier Ouellette Inc. |

Print

| PO No | Supplier | Line Item No | Rel No | Terms | Purchased Item | Description | For Part No | Project | Equipment ID | Order Qty | Due Date | Received Quantity | Accounting Job No | Container No | Status | Receive Date | Price/Unit | Aging Days | Past Due | Total | Supplier Name |
|-------|----------|--------------|--------|-------|----------------|---|-------------|---------|--------------|-----------|----------|-------------------|-------------------|--------------|--------|--------------|---------------|------------|----------|----------|----------------------|
| | | 11 | | | M303R1.000 | 303 Round Bar 1.00 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft | | | | 12 | | 12 | | S090363 | Stock | 7/10/2018 | \$ 8.70 / ft | 0 | | \$104.43 | Acier Ouellette Inc. |
| | | 12 | | | M303R1.375 | M303R1.375 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft | | | | | | 13 | | S090364 | Stock | 7/10/2018 | \$ 18.99 / ft | 0 | | \$237.38 | Acier Ouellette Inc. |
| | | 13 | | | M6061T6R0.625 | 6061-T6 Round Bar .625" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft | | | | 100 | | 100 | | S090365 | Stock | 7/10/2018 | \$ 1.25 / ft | 0 | | \$124.89 | Acier Ouellette Inc. |
| | | 14 | | | M6061T6R1.625 | 6061T6 Round Bar 1.625 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft | | | | | 12 | | | S090366 | Stock | 7/10/2018 | \$ 13.10 / ft | 0 | | \$157.25 | Acier Ouellette Inc. |
| | | 15 | | | M6061T6R2.375 | 6061-T6 Round Bar 2.375" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft | | | | | | 12 | | S090367 | Stock | 7/10/2018 | \$ 24.44 / ft | 0 | | \$293.28 | Acier Ouellette Inc. |
| | | 16 | | | M6061T6R0.750 | 6061-T6 Round Bar .750" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft | | | | | 80 | | | S090368 | Stock | 7/10/2018 | \$ 1.55 / ft | 0 | | \$123.83 | Acier Ouellette Inc. |

| PO No | Supplier | Line Item No | Rel No | Terms | Purchased Item | Description | For Part No | Project | Equipment ID | Order Qty | Due Date | Received Quantity | Accounting Job No | Container No | Status | Receive Date | Price/Unit | Aging Past Days | Total | Supplier Name |
|-------|----------|--------------|--------|-------|----------------------|---|-------------|---------|--------------|-----------|----------|-------------------|-------------------|--------------|--------|--------------|---------------|-----------------|------------|----------------------|
| | | 17 | | | M6061T6R0.563 | 6061-T6 Round Bar .563 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft | | | | | | | | | Stock | 7/10/2018 | \$ 1.18 / ft | 0 | \$99.44 | Acier Ouellette Inc. |
| | | 18 | | | M6061T6B1.000X04.000 | 6061-T6 Bar 1.00 X 4.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft | | | | 36 | | 40 | | S090370 | Stock | 7/10/2018 | \$ 16.23 / ft | 0 | \$649.39 | Acier Ouellette Inc. |
| | | 19 | | | M6061T6B1.000X02.000 | 6061-T6 Bar 1.00 X 2.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft | | | | 12 | | 12 | | S090371 | Stock | 7/10/2018 | \$ 7.10 / ft | 0 | \$85.23 | Acier Ouellette Inc. |
| | | 20 | | | M6061T6B1.000X06.000 | 6061T6 Bar 1.00 X 6.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft | | | | 60 | | 60 | | S090372 | Stock | 7/10/2018 | \$ 20.86 / ft | 0 | \$1,251.70 | Acier Ouellette Inc. |
| | | 21 | | | M6061T6B2.000X2.500 | 6061T6 Bar 2.000 X 2.500 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft | | | | 12 | | 12 | | S090373 | Stock | 7/10/2018 | \$ 24.42 / ft | 0 | \$293.00 | Acier Ouellette Inc. |
| | | | | | | | | | | Total: | 1,070 | 1,079 | | | | | | | \$5,315.59 | |



ACTIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

DELIVERY - CLIENT

CO0009777

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

DART AEROSPACE LTD
, Ontario,
Att: CHANTAL LAVOIE Tél.: 613-632-5200
Delivery Route 5

Customer N°
Date
Delivery date
Your order N°
Processed by
Salesman
Carrier
Credit Terme

CLI0001056
2018/06/29
2018/07/09
040358
Eric Kaehlert
OUELLETTE VALLEYFIELD
Net 30 Days

Instruction

F-M

| Product Description | Weight | Qty | UM | PCS NB | | | | Internal Use Only | | | |
|---|--------|--------|-----------|--------|-------------|-----|----|-------------------|---|---|-----|
| | | | | CMD | EXP | B/O | IN | I | S | C | OUT |
| 1 ALU PLATE 1/4 6061-T651 RANDOM PAL-146061-V 4245 SAW CUT 1 X 6-1/4" X 72" ** CERTIFICATE ** LINE#3 Heat: S37035527 | 12.44 | 3.40 | PI2_\$CLB | | 6.14x 72 | | | | | | |
| 2 ALU PLATE 3/4 6061-T651 RANDOM PAL-346061-V 4280 SAW CUT 1 X 6-1/2" X 72" ** CERTIFICATE ** LINE#4 | 38.16 | 3.52 | PI2_\$CLB | | | | | | | | |
| B/O | | | | | | | | | | | |
| ** TRANSIT ST-JEROME 10-07 ** 3 ALU PLATE 1/4 6061-T651 (4 X 8) PAL-14486061 4242 PALLET 1 X 4' X 8' ** CERTIFICATE ** LINE#5 Heat: S37035527 | 117.12 | 32.00 | PI2_\$CLB | | | | | | | | |
| 4 SHEET SS 20G-SS304-2B (4 X 8) FESS-20G483042B 3430 | 401.92 | 256.00 | PI2_\$CLB | | | | | | | | |



DELIVERY - CLIENT

CO0009777

| Product Description | Qty | Weight | UM | PCS NB | | | Internal Use Only | | | | | |
|---|--------|--------|-----------|--------|-----|-----|-------------------|---|---|---|-----|--|
| | | | | CMD | EXP | B/O | IN | I | S | C | OUT | |
| PALLET 8 X 4' X 8' ** CERTIFICATE ** LINE#6 Heat : 697E M | | 1.00 | UN | | | | | | | | | |
| 5 SHEET SS 18G SS304-2B (4 X 8) FESS-18G483042B 3425 PALLET 6 X 4' X 8' ** CERTIFICATE ** LINE#7, Heat : 088E M | 403.20 | 192.00 | PI2_\$CLB | | | | | | | | | |
| 6 ROUND SS 3/8 304 (R) RSS-38 2 X 12' R/L ** CERTIFICATE ** LINE#8, Heat : 1711164 M | 9.02 | 24.00 | PI_\$CLB | | | | | | | | | |
| 7 ROUND SS 3/4 303 (R) RSS-34303 8 X 12' R/L ** CERTIFICATE ** LINE#9, Heat : 51049 M | 144.19 | 96.00 | PI_\$CLB | | | | | | | | | |
| 8 ROUND SS 1/4 303 (R) RSS-14303 3 X 12' R/L ** CERTIFICATE ** LINE#10, Heat : 401621 M | 6.01 | 36.00 | PI_\$CLB | | | | | | | | | |
| 9 ROUND SS 1 303 (R) RSS-1303 1 X 12' R/L ** CERTIFICATE ** LINE#11, Heat : 620M M | 32.04 | 12.00 | PI_\$CLB | | | | | | | | | |
| 10 ROUND SS 1 3/8 303 NS RSS-138303 1 X 12' R/L ** CERTIFICATE ** LINE: 12, Heat : 721P M | 60.59 | 12.00 | PI_\$CLB | | | | | | | | | |



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CO0009777

| Product Description | Qty | Weight | UM | PCS NB | | Internal Use Only | | | |
|---|--------|--------|----------|--------|-----------|-------------------|----|---|-----|
| | | | | CMD | EXP | B/O | IN | I | S C |
| AC17781-TH-2018-07-05 | | | | | | | | | |
| 11 ROUND ALU 5/8 6061-T6 * RAL-58 5 X 20' ** CERTIFICATE ** LINE#13, Heat: 18021101A | 36.10 | 100.00 | PI_\$CLB | | 5x 20' | | | | |
| 12 ROUND ALU 1 5/8 6061-T6 * RAL-158 1 X 12' ** CERTIFICATE ** LINE#14, Heat: 201801246 | 29.23 | 12.00 | PI_\$CLB | | 1x12' | | | | |
| AC17781-TH-2018-07-05 | | | | | | | | | |
| 13 ROUND ALU 2 3/8 6061-T6 NS RAL-238 1 X 12' ** CERTIFICATE ** LINE#15, Heat: 201807529 | 62.40 | 12.00 | PI_\$CLB | | 1x12' | | | | |
| AC17781-TH-2018-07-05 | | | | | | | | | |
| 14 ROUND ALU 3/4 6061-T6 * RAL-34 4 X 20' ** CERTIFICATE ** LINE#16, Heat: 68706 | 41.84 | 80.00 | PI_\$CLB | | 4x 20' | | | | |
| 15 ROUND ALU 9/16 6061-T6 * RAL-916 7 X 12' ** CERTIFICATE ** LINE#17, Heat: 01M170825B, 03E170530A | 24.61 | 84.00 | PI_\$CLB | | 7x 12' | | | | |
| 16 FLAT ALU 1 X 4 6061-T6 * FAL-14 2 X 20' ** CERTIFICATE ** LINE#18, Heat: 387163 | 192.00 | 40.00 | PI_\$CLB | | 2x 20' | | | | |
| 17 FLAT ALU 1 X 2 6061-T6 * FAL-12 1 X 12' ** CERTIFICATE ** | 28.80 | 12.00 | PI_\$CLB | | 1x12' | | | | |



DELIVERY - CLIENT

CO0009777

| Product Description | Qty | Weight | UM | PCS NB | | | Internal Use Only | | | |
|--|--------|--------|----------|--------|-------------|-----|-------------------|---|---|---|
| | | | | CMD | EXP | B/O | IN | I | S | C |
| LINE#19, Heat : <u>SXF171892</u> <u>A</u> 18 FLAT ALU 1 X 6 6061-T6 * FAL-16 2536 5 X 12' ** CERTIFICATE ** LINE#20, Heat : <u>41096-047</u> <u>A</u> AC-17793-YR-2018-07-03 | 422.94 | 60.00 | PI_\$CLB | | <u>5x12</u> | | | | | |
| 19 FLAT ALU 2 X 2 1/2 6061-T6 RANDOM NS FAL-2212 8770 1 X 12' ** CERTIFICATE ** LINE#21, Heat : <u>5470742</u> <u>A</u> AC17783-YR-2018-07-03 | 70.49 | 12.00 | PI_\$CLB | | <u>1x12</u> | | | | | |

Conditions :
All sold and delivered materials remain the property of "Acer Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acer Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acer Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

NIR : R-109516-6

Total Weight (Lbs) : 2 133.10

| | | | |
|---------------------|---------------|------------------------|---------------|
| Prepared By : 50 | Verified By : | Delivered By : Time | Date Y M D |
|---------------------|---------------|------------------------|---------------|

Customer's Signature



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO040358

Supplier: ACI001-VC
Acier Ouellette Inc.
935 Boul. Du Havre
Valleyfield
QC
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

PO No: PO040358

PO Date: 6/28/18

Due Date: 7/5/18

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Lavoie, Chantal
Phone: clavoie@dartaero.com

E-MAILED
JUN 28 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments: quotation no sou0116430

Items

| Line Item | Job | Part | Supplier Part No | Description | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|-----------|-----|------------------------|------------------|--|--------|----------|----------------|-------------------|---------|------------------|----------------|
| 1 | | MT-4140-S-0.500X10.000 | | AISI 4140 Steel Sheet/Plate : AISI 4140N STEEL SHEET OR PLATE AS PER ASTM A829 OR AMS 6395 MIN: ROCKWELL C = 28 RC MAX: ROCKWELL C = 32 RC | Firmed | 7/13/18 | 8 ft | 0 ft | 8 ft | \$51.8175/ft | \$414.54 |
| 2 | | MT-4140-S-1.750X12.000 | | AISI 4140 Steel Sheet/Plate MATERIAL: AISI 4140 / 4142 STEEL SHEET OR PLATE MINIMUM ROCKWELL C = 28 Rc MAXIMUM ROCKWELL C = 32 Rc ASTM A829, AMS 6395 | Firmed | 7/13/18 | 6 ft | 0 ft | 6 ft | \$186.85/ft | \$1,121.10 |
| 3 | | M6061T6S.250X6.250 | | 6061-T651 Sheet 0.250" Thick Plate x 6.250" Wide : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft | Firmed | 7/5/18 | 6 ft | 0 ft | 6 ft | \$11.335/ft | \$68.01 |

Line Item Note saw cut included in price

| Items | | | | | | | | | | | |
|-----------|-----|----------------------|------------------|--|--------|----------|----------------|-------------------|---------|------------------|----------------|
| Line Item | Job | Part | Supplier Part No | Description | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
| 4 | | M6061T6S0.750X06.500 | | 6061T6 Sheet 0.750 X 6.500 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft | Firmed | 7/5/18 | 6 ft | 0 ft | 6 ft | \$36.208333/ft | \$217.25 |
| 5 | | M6061T6S.250 | | 6061T6 Sheet .250 : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf | Firmed | 7/5/18 | 32 sf | 0 sf | 32 sf | \$15.22375/sf | \$487.16 |
| 6 | | M304S20GA | | 304/316 .040 Sheet : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 receive sf | Firmed | 7/5/18 | 256 sf | 0 sf | 256 sf | \$4.9604296/sf | \$1,269.87 |
| 7 | | M304S18GA | | 304/316 .050 Sheet : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 | Firmed | 7/5/18 | 192 sf | 0 sf | 192 sf | \$6.2419479/sf | \$1,198.45 |
| 8 | | M304R0.375 | | 304 Round Bar 0.375 : MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft | Firmed | 7/5/18 | 24 ft | 0 ft | 24 ft | \$1.191666/ft | \$28.60 |
| 9 | | M303R0.750 | | 303 Round Bar 0.750 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft | Firmed | 7/5/18 | 96 ft | 0 ft | 96 ft | \$5.1360416/ft | \$493.06 |
| 10 | | M303R0.250 | | 303 Round Bar 0.250" : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE | Firmed | 7/5/18 | 36 ft | 0 ft | 36 ft | \$0.58611/ft | \$21.10 |
| 11 | | M303R1.000 | | 303 Round Bar 1.00 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft | Firmed | 7/5/18 | 12 ft | 0 ft | 12 ft | \$8.7025/ft | \$104.43 |

| Items | | | | | | | | | | | |
|-----------|-----|---------------|------------------|---|--------|----------|----------------|-------------------|---------|------------------|----------------|
| Line Item | Job | Part | Supplier Part No | Description | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
| 12 | | M303R1.375 | | M303R1.375 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft | Firmed | 7/5/18 | 12 ft | 0 ft | 12 ft | \$18.99/ft | \$227.88 |
| 13 | | M6061T6R0.625 | | 6061-T6 Round Bar .625" : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft | Firmed | 7/5/18 | 100 ft | 0 ft | 100 ft | \$1.2489/ft | \$124.89 |
| 14 | | M6061T6R1.625 | | 6061T6 Round Bar 1.625 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft | Firmed | 7/5/18 | 12 ft | 0 ft | 12 ft | \$13.104166/ft | \$157.25 |
| 15 | | M6061T6R2.375 | | 6061-T6 Round Bar 2.375" : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft | Firmed | 7/5/18 | 12 ft | 0 ft | 12 ft | \$24.44/ft | \$293.28 |
| 16 | | M6061T6R0.750 | | 6061-T6 Round Bar .750" : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft | Firmed | 7/5/18 | 80 ft | 0 ft | 80 ft | \$1.547875/ft | \$123.83 |

| Items | | | | | | | | | | | |
|-----------|-----|----------------------|------------------|--|--------|----------|----------------|-------------------|---------|------------------|----------------|
| Line Item | Job | Part | Supplier Part No | Description | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
| 17 | | M6061T6R0.563 | | 6061-T6 Round Bar .563 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft | Firmed | 7/5/18 | 80 ft | 0 ft | 80 ft | \$1.18375/ft | \$94.70 |
| | | | | | | | 84 ft | | | At 18/07/10 | |
| 18 | | M6061T6B1.000X04.000 | | 6061-T6 Bar 1.00 X 4.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft | Firmed | 7/5/18 | 36 ft | 0 ft | 36 ft | \$16.234761/ft | \$584.45 |
| | | | | | | | 36 ft | | | At 18/07/10 | |
| 19 | | M6061T6B1.000X02.000 | | 6061-T6 Bar 1.00 X 2.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft | Firmed | 7/5/18 | 12 ft | 0 ft | 12 ft | \$7.1025/ft | \$85.23 |
| | | | | | | | 12 ft | | | At 18/07/10 | |
| 20 | | M6061T6B1.000X06.000 | | 6061T6 Bar 1.00 X 6.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft | Firmed | 7/5/18 | 60 ft | 0 ft | 60 ft | \$20.861666/ft | \$1,251.70 |
| | | | | | | | 60 ft | | | At 18/07/10 | |
| 21 | | M6061T6B2.000X2.500 | | 6061T6 Bar 2.000 X 2.500 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft | Firmed | 7/5/18 | 12 ft | 0 ft | 12 ft | \$24.416666/ft | \$293.00 |
| | | | | | | | 12 ft | | | At 18/07/10 | |

Grand Total: \$8,659.79

Order Notes

Plex 6/28/18 2:54 PM dart.lavoie.chanta

Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 6/28/18 2:54 PM dart.lavoie.chantal

**ACIER OUELLETTE INC.**

935, Boul. du H vre
Salaberry de Valleyfield (Qu bec) J6S 5L1
T l.: 450-377-4248 M l: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 M l: 514-336-4246 Ext.: 866-456-4242

Quotation**SOU0116430****Billed to**

DART AEROSPACE LTD
1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Customer N 

CLI0001056

Date

2018/06/26

Revision N 

0

Prices valid until

2018/07/03

Your Order N **Processed by**

Eric Kaehlert

Salesman

ERIC

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

1

Shipped to

, Ontario,

Att : CHANTAL LAVOIE T l.: 613-632-5200

| Product N  and description | Weight | Qty | U/M | Qty | U/M | Price | Pcs Nb | Price | Amount |
|---|--------|--------|-----------|------|---------|--------|--------|-------|----------|
| PLATE 4140 HEAT TREAT 1/2 NS P4140-12H 8509 1 PC 10" X 96" 8-10 DAYS | 136.20 | 6.67 | PI2 | 6.67 | UN_\$UN | 62.15 | | | 414.54 |
| PLATE 4140 HEAT TREAT 5/8 NS P4140-58H 8669 1 PC 1-1/8" X 96" 8-10 DAYS | 19.13 | 0.75 | PI2_\$CLB | 0.75 | UN_\$UN | 253.97 | | | 190.48 |
| PLATE 4140 HEAT TREAT 3/4 NS P4140-34H 8198 1 PC 2-1/2" X 96" 8-10 DAYS | 53.44 | 1.67 | PI2 | 1.67 | UN_\$UN | 145.95 | | | 243.74 |
| PLATE 4140 HEAT TREAT 1 3/4 NS P4140-134H 8507 1 PC 12" X 72" 8-10 DAYS | 428.82 | 6.00 | PI2 | 6.00 | UN_\$UN | 186.85 | | | 1 121.10 |
| ALU PLATE 1/4 6061-T651 RANDOM PAL-146061-V 4245 SAW CUT SCIE 1 1 X 6-1/4" X 72" 2-3 DAYS | 12.44 | 3.40 | PI2_\$CLB | 3.40 | PI2 | 15.59 | | | 53.01 |
| | | 1.00 | UN | 1.00 | | 15.00 | | | 15.00 |
| ALU PLATE 3/4 6061-T651 RANDOM PAL-346061-V 4280 SAW CUT SCIE 1 1 X 6-1/2" X 72" 2-3 DAYS | 38.16 | 3.52 | PI2_\$CLB | 3.52 | PI2 | 56.04 | | | 197.25 |
| | | 1.00 | UN | 1.00 | | 20.00 | | | 20.00 |
| ALU PLATE 1/4 6061-T651 (4 X 8) PAL-14486061 4242 PALLET EMB 11 1 X 4' X 8' STOCK | 117.12 | 32.00 | PI2_\$CLB | 1.00 | UN | 487.16 | | | 487.16 |
| | | 1.00 | UN | 1.00 | | 0.00 | | | 0.00 |
| SHEET SS 20G SS304-2B (4 X 8) FESS-20G483042B 3430 | 401.92 | 256.00 | PI2_\$CLB | 8.00 | UN | 158.73 | | | 1 269.87 |

Date :

Next Page...

**ACIER OUELLETTE INC.**

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation**SOU0116430****Billed to**

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Customer N°

CLI0001056

Date

2018/06/26

Revision N°

0

Prices valid until

2018/07/03

Your Order N°**Processed by**

Eric Kaehlert

Salesman

ERIC

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

2

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

| Product N° and description | Weight | Qty | U/M | Qty | U/M | Price | Pcs Nb | Price | Amount |
|--|--------|--------|-----------|--------|---------|--------|--------|-------|----------|
| PALLET EMB 11 8 X 4' X 8' STOCK | | 1.00 | UN | 1.00 | | 0.00 | | | 0.00 |
| SHEET SS 18G SS304-2B (4 X 8) FESS-18G483042B 3425 PALLET EMB 11 6 X 4' X 8' STOCK | 403.20 | 192.00 | PI2_\$CLB | 6.00 | UN | 198.88 | | | 1 193.27 |
| ROUND SS 3/8 304 (R) RSS-38 5768 2 X 12' R/L STOCK | 9.02 | 24.00 | PI_\$CLB | 24.00 | PI | 1.19 | | | 28.60 |
| FLAT SS 5/8 X 3 SS304 NS FSS-583 9221 REGRET, NO STOCK AVAILABLE | 0.00 | 0.00 | PI_\$CLB | 0.00 | PI | 0.00 | | | 0.00 |
| ROUND SS 3/4 303 (R) RSS-34303 5761 8 X 12' R/L STOCK | 144.19 | 96.00 | PI_\$CLB | 96.00 | PI | 5.14 | | | 493.06 |
| ROUND SS 1/4 303 (R) RSS-14303 5739 3 X 12' R/L 2-3 DAYS | 6.01 | 36.00 | PI_\$CLB | 36.00 | PI | 0.59 | | | 21.10 |
| ROUND SS 1 303 (R) RSS-1303 8519 1 X 12' R/L STOCK | 32.04 | 12.00 | PI_\$CLB | 12.00 | UN_\$UN | 8.70 | | | 104.43 |
| ROUND SS 1-3/8" DIA 303 RANDOM N 1 X 12' R/L 2-3 DAYS | 0.00 | 12.00 | UN | 12.00 | UN | 18.99 | | | 227.88 |
| ROUND ALU 5/8 6061-T6 * RAL-58 5169 5 X 20' STOCK | 36.10 | 100.00 | PI_\$CLB | 100.00 | PI | 1.25 | | | 124.89 |

Date :

Next Page...

**ACIER OUELLETTE INC.**

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation**SOU0116430****Billed to**

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Customer N°

CLI0001056

Date

2018/06/26

Revision N°

0

Prices valid until

2018/07/03

Your Order N°**Processed by**

Eric Kaehlert

Salesman

ERIC

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

3

| Product N° and description | Weight | Qty | U/M | Qty | U/M | Price | Pcs Nb | Price | Amount |
|---|--------|-------|----------|-------|---------|-------|--------|-------|--------|
| ROUND ALU 1 5/8 6061-T6 * RAL-158 5138 1 X 12' 2-3 DAYS | 29.23 | 12.00 | PI_\$CLB | 12.00 | PI | 13.10 | | | 157.25 |
| ROUND ALU 2 3/8 6061-T6 NS RAL-238 10133 1 X 12' 2-3 DAYS | 62.40 | 12.00 | PI_\$CLB | 12.00 | UN_\$UN | 24.44 | | | 293.28 |
| ROUND ALU 3/4 6061-T6 * RAL-34 5157 4 X 20' STOCK | 41.84 | 80.00 | PI_\$CLB | 80.00 | PI | 1.55 | | | 123.83 |
| ROUND ALU 9/16 6061-T6 * RAL-916 5180 4 X 20' STOCK | 23.44 | 80.00 | PI_\$CLB | 80.00 | PI | 1.19 | | | 95.15 |
| FLAT ALU 1 X 4 6061-T6 * FAL-14 2532 2 X 12' STOCK | 115.20 | 24.00 | PI_\$CLB | 24.00 | PI | 14.21 | | | 340.93 |
| FLAT ALU 1 X 2 6061-T6 * FAL-12 2497 1 X 12' STOCK | 28.80 | 12.00 | PI_\$CLB | 12.00 | PI | 7.10 | | | 85.23 |
| FLAT ALU 1 X 6 6061-T6 * FAL-16 2536 2 X 12' STOCK | 169.18 | 24.00 | PI_\$CLB | 24.00 | PI | 20.86 | | | 500.68 |
| FLAT ALU 3/8 X 5 6061-T6 * FAL-385 2625 2 X 20' STOCK | 88.00 | 40.00 | PI_\$CLB | 40.00 | PI | 7.61 | | | 304.39 |
| FLAT ALU 2 X 2 1/2 6061-T6 RANDOM NS FAL-2212 8770 1 X 12' 2-3 DAYS | 70.49 | 12.00 | PI_\$CLB | 12.00 | UN_\$UN | 24.49 | | | 293.90 |
| FUEL CHARGE FRAIS_ENERGETIQUE | | | \$ | | | | | | 3.95 |

Date :

Next Page...

**ACIER OUELLETTE INC.**

935, Boul. du H vre

Salaberry de Valleyfield (Qu bec) J6S 5L1

T l.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248

Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation**SOU0116430****Billed to**

DART AEROSPACE LTD

1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7**Shipped to**

, Ontario,

Att : CHANTAL LAVOIE T l.: 613-632-5200

Customer N 

CLI0001056

Date

2018/06/26

Revision N 

0

Prices valid until

2018/07/03

Your Order N **Processed by**

Eric Kaehlert

Salesman

ERIC

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

4

| Product N  and description | Weight | Qty | U/M | Qty | U/M | Price | Pcs Nb | Price | Amount |
|----------------------------|--------|-----|-----|-----|-----|-------|--------|-------|--------|
| | | | | | | | | | |

Total Weight (Lbs)

2 466.37

Important

This offer is based on the availability, the price of material can change without notice in function of the evolution of the current market prices.

This offer is subject to credit approval.

Approved and Accepted by :

Date : _____

Sub-total

8 403.97

TVH-13 * 1092.52

Total (\$CAD)**9 496.49**

4242

PAL-14486061

50645 TRA-2484

| | | | |
|--------------------------|----------------------------|---|-------------------------|
| MILL TEST CERTIFICATE | No: 907 Date: 1/11/2018 | CERTIFIED SRAC-IQNet ISO 9001/2008 No. 10/valid 2017 | vimetco S.L. Slatina |
|--------------------------|----------------------------|---|-------------------------|

CUSTOMER : OLBERT METAL SALES LIMITED

CONTRACT/ORDER : 2224
 BILL OF DELIVERY : 80347265
 TRUCK/CONTAINER : MSCU 5849358

MATERIAL : ALUMINIUM PLATES
 ALLOY : 6061
 LOT/DIMENSIONS (mm) : 70190084 0.25"THX48.5"WDX96.5"LT

TEMPER: T651

ACCORDING TO : ASTM B209; AMS 4027N; ANSI H35.2; ASME SB209; AMS-QQ-A-250/11

| ACTUAL MECHANICAL PROPERTIES | | | | | | | | | | | | |
|---|------|---------------|------|----------------|------|-------------------------|-------|------------|--------------------------|--------------|-------|--------------------|
| 1 MPa = 1 N/mm2 = 0.145 ksi = 0.102 kgf/mm2 | | | | | | | | | | | | |
| 1 lbs = 0.4536 kg | | | | UTS | | YTS | | Elong.% | | | | |
| | | | | KSI | | KSI | | 50mm | | | | |
| | | | | min. | max. | min. | max. | min. | | | | |
| Specified values: | | | | 42 | | 35 | | 10 | | | | |
| LOT / BATCH | | CASE | | NET WEIGHT lbs | | Measured values: | | | | | | |
| 70190084 637035527 | | 585827;585829 | | 5,524.789 | | 48.6 48.5 | | 43 43.5 | | 15.5 15.5 | | |
| ACTUAL CHEMICAL ANALYSIS % | | | | | | | | | | | | |
| BATCH | SI | Fe | Cu | Mn | Mg | Cr | Ni | Zn | Ti | Ga | V | Al |
| S37035527 | 0.66 | 0.43 | 0.27 | 0.09 | 0.94 | 0.17 | 0.009 | 0.1 | 0.019 | 0.011 | 0.019 | REM. REM REM |
| Acc. Standard | Min. | 0.4 | 0.15 | 0.8 | 0.04 | 0.05 | 0.25 | 0.15 | 0.05 | 0.05 | | REM. |
| | Max. | 0.8 | 0.7 | 0.4 | 1.2 | 0.35 | 0.05 | 0.25 | 0.15 | 0.05 | 0.05 | |
| Remarks: | | | | | | Other- Each- Max.: 0.05 | | | Others Total- Max.: 0.15 | | | |

REMARKS:

ACCORDING TO: ASTM B209:2014; AMS 4027N:2008; ANSI H35.2:2013; ASME SB209:2015; AMS-QQ-A-250/11:1997
 We hereby certify that the material detailed herein has been produced and tested according to the requirements of the relevant standards, specification and/or order. Keep in dry conditions, without large temperatures variations. The differences between metal and air must not exceed 11 °C. Please follow the recommendations of the Aluminium Association Guide for minimizing water staining; latest edition, for the unloading and storage of the material in your premises before usage. Also we certify that ALRO products complies with REACH legislation no. 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals and CLP legislation no. 1272/2008 on classification, labeling and packaging of substances and mixtures.

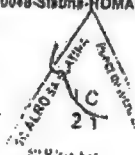
According to EN 10204:2004 3.1

QUALITY CONTROL DEPT.

Marius Olteanu, Eng.
 SCALRO SA SLATINA
 Punct de lucru Slatina
 Str. Milcov Nr.1, Jud. GI
 Serv. Inspecția Calității

ALRO S.A. No.116, Pitești Street Phone: +(40) 0249 435 117; 0249 432 955 alro@alro.ro
 230040-Slatina-ROMANIA Fax: (40) 0249 411 487; 0249 415 992 www.alro.ro

cod fi/PO-051/Rev.4/2012



PAL 144



North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

Certificate: 380647 1 Mail To:
Customer: 007036 016

Ship To:

Date: 2/12/2018 Page: 1

Steel: 304

Finish: 2B

Corrosion: ASTM A262/15 A.180Bend-OK

Your Order: 4500849627

NAS Order: DS 0013475 01

PRODUCT DESCRIPTION:

STAINLESS STEEL COIL, C.R. ANNEALED & PICKLED; UNS 30400
ASTM A240/17, A480/16, A666/15; ASME SA240/17, SA480/17, SA666/17
CHEM ONLY ON FOLLOWING ASTM: A276/17, A479/17, A484/16, A312/16
CHEM ONLY ON FOLLOWING ASME: SA312/13, SA479/13
AMS 5513J XMRK; MIL-8-5059D AMEND3 (X CROWN WEAS)
WACE MR0175/ISO 15156-3:2009 A, MR0103/07; Q08766D-A X MAG PERM
MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
EN 10204:2004 3.1; ROHS 1 & 2 Compliant
Material is Free of Radioactive Contamination
Steel Making Process: EAF, AOD, & Cont. Casting
Product Mfg. by a Quality Mgt. Sys. in Conf. w/ISO 9001
*Welded & Manufactured in the USA; Mat'l is DPMR Compliant

| Product Id | Coil # | Shld # | Thickness | Width | Weight | Length | Mark | Pieces | Commodity Code |
|------------|--------|--------|-----------|-------|--------|--------|------|--------|----------------|
|------------|--------|--------|-----------|-------|--------|--------|------|--------|----------------|

| | | | | | | | | | |
|----------|----------|--|-------|---------|-------------|--|---|---|-----------|
| 02697E A | 02697E A | | .0360 | 48.0000 | 10,360 COIL | | 3 | 1 | 160009446 |
|----------|----------|--|-------|---------|-------------|--|---|---|-----------|

CHEMICAL ANALYSIS

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
Chemical Analysis per ASTM A751/14a

| HEAT | CM | C % | CR % | CU % | MN % | MO % | N % | NI % | P % | S % |
|------|----|-------|---------|-------|--------|-------|-------|--------|-------|-------|
| 697E | US | .0568 | 18.0895 | .4090 | 1.6780 | .3390 | .0719 | 8.0505 | .0305 | .0011 |

SI %
.2505

MECHANICAL PROPERTIES

| Product Id# | Coil # | 1/4 o i | UNS | 20C | .2% YS | 20C ELONG % 2" | Hard RB | Tail Hard |
|-------------|----------|------------|--------|-------|--------|-------------------|------------|--------------|
| 02697E A | 02697E A | F P | 103.25 | 52.54 | 54.54 | 87.00 | 86.50 | |

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

KRIS LARK

2/12/2018

3425

FESS-1864830428

51269

TRA-2855



North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 231861 2 Mail To:

Ship To:

Date: 10/26/2016 Page: 1

Customer: 007035 501

Steel: 804

Finish: 2B

Your Order: 781026

NAS Order: EN 0069821 14

Corrosion: ASTM A262/15 A, 180Bend-OK

PRODUCT DESCRIPTION

SERVICES GREEN, COTL, C.H. ANNEALED & PICKLED, UNS 30400
ASTM A240/15b, A480/15, A666/15, ASME SA240/15, SA480/15, SA666/15
CHEM ONLY ON FOLLOWING ASTM: A276/16, A479/16, A484/15, A312/16
CHEM ONLY ON FOLLOWING ASME: SA312/13, SA479/13
AMS 5513J (XRX) MIL-S-5059D AMENDS (X CROWN WEAS)
NACE MR0175/ISO 15156-3:2009 A, MR0103/07, Q8976D-A X MAG PERM
MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
EN 10204:2004 3.1, H08S 1 & 2 Compliant
Material is Free of Radioactive Contamination
Steel Making Process: EAF, AOD, & Cont. Casting
Product Mfg. by a Quality Mfg. Sys. in Conf. w/ISO 9001
*Welded & Manufactured in the USA; Mat'l is DFRS Compliant

| Product Id | Coil # | Skid # | Thickness | Width | Weight | -----Length----- | Mark | Pieces | Commodity Code |
|------------|----------|--------|-----------|---------|--------|------------------|------|--------|----------------|
| 03088E B | 03088E B | | .0480 | 48.0000 | 20.720 | COIL | 1 | 1 | 74261496 |

CHEMICAL ANALYSIS

CM(Country of Mfg)

ES(Spain)

US(United States)

ZA(South Africa)

JP(Japan)

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
Chemical Analysis per ASTM A751/14a

| HEAT | CM | C % | CR % | CU % | ENT % | MO % | N % | NI % | P % | S % |
|------|----|-------|---------|-------|--------|-------|-------|--------|-------|-------|
| 088E | US | .0450 | 18.0445 | .4925 | 1.6575 | .3220 | .0598 | 8.0190 | .0290 | .0010 |

SI %

.2670

MECHANICAL PROPERTIES

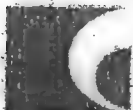
| Product Id# | Coil # | 1 d o i x | UTS ksi | 20C ksi | .2% YS ksi | 20C ELONG % 2" | % Hard RH | Tall Hard | Grain No. |
|-------------|----------|-----------------|------------|------------|---------------|----------------------|--------------|--------------|--------------|
| 03088E B | 03088E B | FT | 100.16 | 52.12 | 47.23 | 88.00 | 84.00 | 10.00 | |

NAS hereby certifies that the certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

KRIS LARK

10/26/2016



CHANDAN STEEL LIMITED

(GOVT. OF INDIA RECOGNISED EXPORT HOUSE)

ISO 9001:2008 CERTIFICATE No. 011001022

ADM. OFFICE: 304, SUKH SAGAR, N. & PATRAKARNI, MUMBAI-400 002, INDIA

Tel: 91-22-66290600, Fax: 91-22-66290833/34

Website : www.chandansteel.net

Email : cs@chandansteel.net

L/c. No.:

L/c. Date:

WORKS: PLOT NO. 31 TO 35, 45/46, 48, & 50/2, 102

(EXP. AREA) GIDC, UMBERGAON & SURVEY NO. 102/2 & 3, VILLAGE,

DEHARI, TALUKA UMBERGAON, DIST. VALSAD, GUJARAT-386671

GSTIN-24AAACC4213B1ZG

F824 QC 09A / 02/10.12.2012

MILL TEST / INSPECTION CERTIFICATE 3.1

ACCORDING TO EN 10204 : 2005

| | | | | | | | | | | | |
|--|--------------------------------|------|-----------------------------|--|---|-------|-------------------|-------|-----------|----|---|
| Consignee | | | | | Test Certificate No. : EXP/01152 - 06/2017-2018 | | | | | | |
| PRODUCT DESCRIPTION STAINLESS STEEL ROUND BARS | | | | | Date of Issue : 03.01.2018 | | | | | | |
| | | | | | P. O. No. : MN5942 | | | | | | |
| | | | | | SC No. & Date : 17-18/00447, Dt. 08.11.2017 | | | | | | |
| | | | | | Invoice No. & Date : EXP/01152/2017-18 Dt. 03.01.2018 | | | | | | |
| | | | | | LENGTH | | Net Wt. | | | | |
| | | | | | Ordered | | Actual | | 2965 Lbs. | | |
| | | | | | 12' - 14' | | 12' - 14' | | | | |
| Heat No. | Grade | Size | Tolerance | Process Route | | | | | | | |
| 1711164 | 304L | 3/8" | h9 | Electric Melting, A.O.D. Refining, Continuous Casting | | | | | | | |
| CHEMICAL COMPOSITION (Weight %) | | | | | | | | | | | |
| | C | Si | Mn | P | S | Cr | Mo | Ni | Cu | Ti | N |
| Min. | - | - | - | - | - | 18.00 | - | 8.00 | - | - | - |
| Max. | 0.030 | 1.00 | 2.00 | 0.045 | 0.030 | 20.00 | - | 12.00 | - | - | - |
| Results | 0.028 | 0.37 | 1.57 | 0.039 | 0.016 | 18.55 | - | 8.04 | - | - | - |
| MECHANICAL PROPERTIES | | | | | | | | | | | |
| Specified | Yield Strength | | Tensile Strength | | Elongation | | Reduction of Area | | Hardness | | |
| Value | N/mm ² /MPa (Rp0.2) | | N/mm ² /MPa (Rm) | | % | | % | | (HB) | | |
| Min. | 310 | | 620 | | 30 | | 40 | | - | | |
| Max. | - | | - | | - | | - | | - | | |
| Results | 615 | | 788 | | 36 | | 65 | | 239-242 | | |
| Remarks: | | | | | | | | | | | |
| 1. Cold drawn & Centreless Ground. | | | | | | | | | | | |
| 2. Solution annealed at 1050 °C. | | | | | | | | | | | |
| 3. PMI test done 100% & found Satisfactory. | | | | | | | | | | | |
| 4. Material is free from radio-active contamination. | | | | | | | | | | | |
| 5. Inter-Granular Corrosion Test as per ASTM A262 - 15 (Pr.E) satisfactory. | | | | | | | | | | | |
| 6. The material conforms to ASTM A276-15/A182-15/A479-15 & ASME SA479-13 Specifications. | | | | | | | | | | | |
| 7. Location of sample - Centre, Direction - Longitudinal, Test Temp - Room Temp., Shape of Test Piece - Round. | | | | | | | | | | | |
| 8. Marking details - Company Logo, Size, Grade & Heat No. | | | | | | | | | | | |
| 9. The material is manufactured/melt in Chandan Steel Mill and is of Indian Origin. | | | | | | | | | | | |
| 10. No welding/weld repairs was performed on this material. | | | | | | | | | | | |
| BUNDLE NO.: 21 & 22 | | | | | | | | | | | |



It is hereby certified that the above results are true and correct in every details and are meeting the requirements of specification & purchase order.

B. S. RAUTELA
MANAGER - QUALITY ASSURANCE

TEST CERTIFICATE

| | | | |
|----------|-----------------|---------------|------------|
| ORDER NO | PACKING LIST NO | INSPECTION NO | DATE |
| L56591-S | 64/1004236/1 | 100006522856 | 13.04.2016 |
| | | GRADE | HEAT No |
| | | T-303 | 101621 |

BUNDLE NO :
1100489217, 1100489216,

DESCRIPTION

STAINLESS STEEL BRIGHT BARS

COLD DRAWN POLISHED - 2H

| SIZE | SHAPE | TOLERANCE | LENGTH | PIECES | WEIGHT |
|------|-------|-----------|------------|--------|--------------|
| 1/4" | ROUND | ASTM A484 | 12(-0/+2") | 853 | 1,719.000 LB |

CHEMICAL ANALYSIS

| %C | %Mn | %Si | %S | %P | %Cr | %Ni | %Cu | %Mo | %Co | %N2 |
|--------|-------|-------|--------|--------|--------|-------|-------|-------|-------|---------|
| 0.0560 | 1.960 | 0.490 | 0.3000 | 0.0360 | 17.400 | 8.090 | 0.590 | 0.500 | 0.170 | 0.05800 |

TEST RESULTS

| 0.2% yield strength ksi | Tensile Strength ksi | Elongation % | Reduction Of Area % | Hardness BHN | Grain Size NOS |
|-------------------------|----------------------|--------------|---------------------|--------------|----------------|
| 98.0 | 112.0 | 38.0 | 57.0 | 228.0 | 7.0 |

SPECIFICATION:

MATERIAL CONFIRMS TO ASTM A581/A581M-95B (2014) COND A, ASTM A582/A582M-12c1, A 484-13a. AMS 5640U TYPE I, EXCEPT MARKING, QQS-764B COND A.

EXCEPT MARKING, UNS-S-30300. CERTIFIED AS PER EN 10204-3.1.

REMARKS

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS. MICRO: FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES. MACRO: GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, SOAKING TIME 1hr/inch., WATER QUENCHED. WE CONFIRM THAT THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION. MELT SOURCE: AOD. MELT & MANUFACTURED: INDIA

We hereby certify that the material described above has been tested and complies with the terms of order/contract.

WORKS INSPECTOR
K R K MURTHY

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000
17779N

Certificate: 371391 11
Customer: 007080 003

Date: 1/15/2018 Page: 1
Steel: 303
Finish: CD

Your Order: MM6001

NAS Order: IN 0257533 09 Heat Treat Code: 44,554

Corrosion:
Red Ratio: 69.4 :1

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
UNS 30300, ASTM A582/12 EN 10204 3.1, ASTM A484/16
UNS 5640V TYPE 1, 008-7643 CONDITION A
SOLUTION ANNEAL TEMP 1900F MIN, ASTM F899/12b

REMARKS:

COMPLIES W/REQUIREMENTS OF DEAN 252.225-7009 HV DIRECTIVE
2011/65/EU. ROHS. ZAF+AD+CC. NO WELD REPAIR. WELDED AND NPTG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

| Product Id | Shld # | Diameter | Size | Weight | -----Length----- | Mark | Pieces | Commodity Code |
|------------|--------|----------|------|--------|------------------|------|--------|----------------|
| B01762 6 | | 1.0000 | | 1.073 | 144.00 | 11 | 1 | |

| CHEMICAL ANALYSIS CN(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) | | | | | | | | | | | |
|--|-----|-------|------|-------|------|------|------|------|------|------|--|
| Lab Accreditation Bureau, ISO/IEC 17025, Certificate# 12323 | | | | | | | | | | | |
| Chemical Analysis per ASTM A751/14a | | | | | | | | | | | |
| NAS Heat | CM | C % | CO % | CR % | CU % | NI % | MO % | N % | NT % | P % | |
| 620M | US | .026 | .09 | 17.11 | .31 | 1.92 | .268 | .036 | 8.53 | .031 | |
| | S % | SI % | | | | | | | | | |
| | | .3350 | .37 | | | | | | | | |

MECHANICAL PROPERTIES

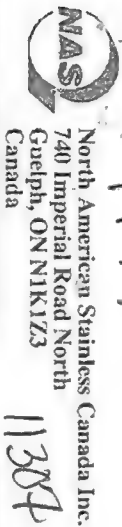
| Product Id | 1 0 4 | HB | .2YS | UTS | RA | Elng |
|------------|-------------|-------|-------|--------|-------|-------|
| | 0 1 | NO. | KSI | KSI | % | % AD |
| B01762 6 | RL | 224.0 | 80.28 | 106.52 | 34.99 | 25.11 |

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

KRIS LARK

1/15/2018



North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

11384

METALLURGICAL TEST REPORT

6870 Highway 42 East
Guelph, KY 41045-9615
(502) 347-6000

Certificate: 394775 6
Customer: 007205 001

Date: 3/23/2018 Page: 1

Steel: 303

Finish: ST

Your Order: 5400384512

NAS Order: PN 0091880 04 Heat Treat Code: 45,745

Corrosion:
Red Ratio: 39.1 : 1

PRODUCT DESCRIPTION:

Round Bar, Annealed, Smooth Turned, Cold Finished
UNS 30300, ASTM A582J12 EN 10204 3.1, ASTM A484/16
AMS 5640V TYPE 1, QOS-764B CONDITION A
SOLUTION ANNEAL TEMP 1900F MIN

REMARKS:

COMPLIES W/REQUIREMENTS OF DPAF 252.225-7009 EU DIRECTIVE
2011/65/EU, ROHS, EAF+AOD+CC. NO WELD REPAIR. WELDED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

| Product Id | Skid # | Diameter | Size | Weight | -----Length----- | Mark | Pieces | Commodity Code |
|------------|--------|----------|------|--------|------------------|------|--------|----------------|
| BU3429 4 | | 1.3750 | | 1,259 | 144.00 | 4 | 1 | |

| CHEMICAL ANALYSIS | | | | | | | | | |
|--|-----|-------|------|-------|------|------|------|------|------|
| CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) | | | | | | | | | |
| Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323 | | | | | | | | | |
| Chemical Analysis per ASTM A751/14a | | | | | | | | | |
| NAS Heat | CM | C % | CO % | CR % | CU % | MN % | MO % | N % | NI % |
| 7219 | US | .057 | .11 | 17.12 | .30 | 1.86 | .285 | .019 | 8.55 |
| | S % | SI % | | | | | | | |
| | | .3205 | .45 | | | | | | .030 |

MECHANICAL PROPERTIES

| Product Id | 1 d o i c i | HB No. | .2YS KSI | UTS KSI | RA % | Elong % AD |
|------------|-------------------|-----------|-------------|------------|---------|---------------|
| BU3429 4 | RL | 173.0 | 48.00 | 88.00 | 56.00 | 43.00 |

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

KRIS LARK

3/23/2018

017778

Dart

1+481N



North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 394775 7

Customer: 007205 001

Date: 3/23/2018 Page: 1

Steel: 303

Finish: ST

Corrosion:

Red Ratio: 39.1 :1

NAS Order: PN 0091880 04 Heat Treat Code: 45,745

Your Order: 5400384512

PRODUCT DESCRIPTION:

Round Bar, Annealed, Smooth Turned, Cold Finished
UNS 30300, ASTM A582/12 EN 10204 3.1, ASTM A484/16
AMS 5640V TYPE 1, QQS-764B CONDITION A
SOLUTION ANNEAL TEMP 1900F MIN

REMARKS:

COMPLIES W/REQUIREMENTS OF DFAR 252.225-7009 EU DIRECTIVE
2011/65/EU ROHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

| Product Id | Skid # | Diameter | Size | Weight | Length | Mark | Pieces | Commodity | Code |
|------------|--------|----------|------|--------|--------|------|--------|-----------|------|
| BJ3429 6 | | 1.3750 | | 943 | 144.00 | 5 | 1 | | |

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Chemical Analysis per ASTM A751/14a

| NAS-Heat | CM | C % | CO % | CR % | CU % | MN % | MO % | N % | NI % | P % |
|----------|----|-------|------|-------|------|------|------|------|------|------|
| 721P | US | .057 | .11 | 17.12 | .30 | 1.86 | .285 | .019 | 8.55 | .030 |
| | | S % | SI % | | | | | | | |
| | | .3205 | .45 | | | | | | | |

MECHANICAL PROPERTIES

| Product Id | 1 d o i c r | HB | .2YS KSI | UTS KSI | RA % | Elong % 4D |
|------------|-------------------|-------|-------------|------------|-------|---------------|
| BJ3429 6 | R L | 173.0 | 48.00 | 88.00 | 56.00 | 43.00 |

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

KRIS LARK

3/23/2018

Material Test Report

Manifest: 337137

Ticket:
5586422

Our Order: 444223 - 1

Cust P.O.: C75538

Die: ES05631

Part: V815342 /

Alloy Temper: 6061 T6511

Description: .625

Print Date: 3/12/18

R099404

Chemical Composition Range

| 6061 | Si | Fe | Cu | Mn | Mg | Cr | Zn | Ti | OtherEach | OtherTotal |
|------|------|-----|------|------|-----|------|------|------|-----------|------------|
| Min | 0.40 | | 0.15 | | 0.8 | 0.04 | | | | |
| Max | 0.8 | 0.7 | 0.40 | 0.15 | 1.2 | 0.35 | 0.25 | 0.15 | 0.05 | 0.15 |

Mechanical Properties

Strength ksi

| <u>Sample ID</u> | <u>Cast #</u> | <u>Lot #</u> | <u>Test Date</u> | <u>Ultimate Tensile</u> | <u>Yield 2% offset</u> | <u>Elongation 2" gage length</u> |
|------------------|------------------|--------------|------------------|-------------------------|------------------------|----------------------------------|
| 430453 | <u>18021101A</u> | A11 | 3/6/18 | 41.73 | 3659 | 11.6 |

Applicable Specifications: ASTMB221-14 AMS-QQ-A200/8A

Country of Origin: ONTARIO, CANADA

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.


Evan Eng, Quality Assurance Manager

97778

Dart

17781N



Service Center Metals

5850 Quality Way

Prince George, VA 23875

Can Do. 5/38

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



| | |
|------------------|------|
| OUR ORDER NUMBER | ITEM |
| 942750 | 7 |

| | | | | |
|--------------------|----------------------|-----------------------------------|----------------------|------------------------------|
| SILL TO | MANIFEST NUMBER | DIE NUMBER | DATE OF SHIPMENT | CERTIFICATION |
| | 359858 | RD0011 | 3/2/2018 | ASTM-B221-14 StencilCont |
| SHIP TO | CUSTOMER PO | ALLOY / TEMPER | SALESPERSON | SPECIFICATION |
| | 5400386340 | 6061-T6511 | D.Schroeder (Canada) | AMS-QQA-200/8 Rev-A obsolete |
| Quantity Certified | CUSTOMER PART NUMBER | DESCRIPTION | | RoHS 2011/65/EU Compliant |
| 3,015 lbs | ALRD00393 | Lightning Rod Tite 1.625 +/- .004 | | |

We hereby certify that the material covered by this report has been inspected with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

This product is RoHS-2, REACH, and DFARS compliant.

SCM is ISO 9001-2015 certified

Mechanical Properties

Tests Lot No.

9 201711078
→ 6 201801246

| Test Date | Ultimate Tensile Strength (KSI) | Yield Strength (KSI) | Percent Elongation |
|-----------|---------------------------------|----------------------|--------------------|
| 7/28/17 | min 46.50 | min 43.10 | min 12.60 |
| 1/26/18 | max 51.50 | max 48.50 | max 13.90 |
| | | | max 19.80 |
| | | | max 18.10 |

Chemical Composition for Aluminum Alloy 6061

| Cast # | Lot No. | Alloy | Si | Fe | Cu | Mn | Mg | Cr | Zn | Ti | Al | Others | | Melt Source: |
|-------------|-----------|-------|------|------|------|------|------|------|------|------|-------|--------|-------|--------------------------|
| | | | | | | | | | | | | Each | Total | |
| 001J171217B | 201801246 | 6061 | 0.74 | 0.36 | 0.32 | 0.10 | 0.89 | 0.11 | 0.04 | 0.02 | 97.42 | 0.05 | 0.15 | United States of America |

SCM products are melted and extruded in the USA

Calvin J. Wiggins

Calvin J. Wiggins, Director of Quality & Technical Services

Print Date: 3/2/2018

Rev 7/2017

97778

17781



Service Center Metals

5850 Quality Way
Prince George, VA 23875

Can Do. 10133

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



| OUR ORDER NUMBER | ITEM |
|------------------|------|
| 951766 | 1 |

MANIFEST NUMBER 367751
CUSTOMER PO 5400399709
CUSTOMER PART NUMBER ALRD00795
Quantity Certified 1,000 lbs 16 pcs

DIE NUMBER RD0017
ALLOY / TEMPER 6061-T6511
DESCRIPTION Lightning Rod Tite 2.375 +/- .005

DATE OF SHIPMENT 5/21/2018
SALESPERSON D. Schroeder (Canada)

CERTIFICATION ASTM-B221-14 StencilCont
SPECIFICATION RoHS 2011/65/EU Compliant

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

This product is RoHS-2, REACH, and DFARS compliant.

SCM is ISO 9001-2015 certified

Mechanical Properties

| Tests | Lot No. | Test Date | Ultimate Tensile Strength (KSI) | Yield Strength (KSI) | Percent Elongation |
|-------|-----------|-----------|---------------------------------|------------------------|------------------------|
| → 5 | 201807529 | 5/7/18 | min 48.20 max 54.00 | min 44.00 max 50.90 | min 13.80 max 18.20 |

Chemical Composition for Aluminum Alloy 6061

| Cast # | Lot No. | Alloy | Si | Fe | Cu | Mn | Mg | Cr | Zn | Ti | Al | Others | Melt Source: |
|-------------|-----------|-------|------|------|------|------|------|------|------|------|-------|--------|--------------|
| 001E180418A | 201807529 | 6061 | 0.75 | 0.37 | 0.31 | 0.11 | 0.89 | 0.10 | 0.08 | 0.03 | 97.37 | 0.05 | 0.15 |
| 001J180418A | 201807529 | 6061 | 0.75 | 0.37 | 0.31 | 0.11 | 0.89 | 0.10 | 0.08 | 0.03 | 97.37 | 0.05 | 0.15 |
| 05031801 | 201807529 | 6061 | 0.75 | 0.37 | 0.30 | 0.09 | 0.89 | 0.09 | 0.06 | 0.02 | 97.43 | 0.05 | 0.15 |

SCM products are melted and extruded in the USA

Calvin J. Wiggins

Calvin J. Wiggins, Director of Quality & Technical Services

Print Date: 5/21/2018

Rev 3/14/2018

RAL-34 # 5157

TRA-1723 49072

Test de dureté Rockwell Rockwell Hardness Test

Client / Customer : LES ACIERS TRANSBEC (1997) LTEE.

Adresse / Address : 4054 BOUL. LE CORBUSIER, #201
LAVAL, QC
H7L5R2

7020941

bon de commande / Purchase order # : OU-47416

de matrice / Die # : MS 9909

Description : 3/4" ROD

Alliage & trempage / Alloy & temper : 6061 T6 Longueur / Length : 6097 mm

Contrôle / Control # : 85611-1

Coulée / Cast # : 68706

Dureté Rockwell E /

Rockwell E hardness : 91 HRE

Min. requis /

Min. required : 88 HRE

Max. permis /

Max. permitted : 100 HRE

Composition chimique typique / Typical chemical composition :

| | Si | Fe | Cu | Mn | Mg | Cr | Zn | Ti |
|-------|-------------|-------------|-------------|-------------|-------------|-------------|----------|----------|
| 6063 | 0,20 - 0,60 | 0,35 Max | 0,10 Max | 0,10 Max | 0,45 - 0,90 | 0,10 Max | 0,10 Max | 0,10 Max |
| 6005 | 0,60 - 0,90 | 0,35 Max | 0,10 Max | 0,10 Max | 0,40 - 0,60 | 0,10 Max | 0,10 Max | 0,10 Max |
| 6005A | 0,66 - 0,74 | 0,14 - 0,28 | 0,08 - 0,16 | 0,18 - 0,26 | 0,46 - 0,54 | 0,03 Max | 0,05 Max | 0,05 Max |
| 6061 | 0,40 - 0,80 | 0,70 Max | 0,15 - 0,40 | 0,15 Max | 0,80 - 1,20 | 0,04 - 0,35 | 0,25 Max | 0,15 Max |
| 6351 | 0,7 - 1,3 | 0,5 Max | 0,10 Max | 0,40 - 0,80 | 0,40 - 0,80 | --- | 0,20 Max | 0,20 Max |

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme ASTM B-221-14 excepté pour la section 8.2 (nombre de spécimen) .

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen) .

Sincèrement vôtre,
Yours truly,

date : 2017-03-28

Daniel Alfredo Pelletier
Directeur Qualité
Quality Director

RAL 34



Service Center Metals
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



Quantity Certified 799 lbs 228 pcs
MANIFEST NUMBER 344426
CUSTOMER PO VIM-843085
CUSTOMER PART NUMBER RD0370

DIE NUMBER RD0370
ALLOY/TEMPER 6061-T6511
DESCRIPTION Lightning Rod Tite 0.562 ± 0.004/-0.003

CERTIFICATION
ASTM-B221-14 No Stencil
SPECIFICATION AMS-QQA-200/8 Rev-A

| OUR ORDER NUMBER | ITEM |
|------------------|------|
| 929759 | 2 |

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification system, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

This product is RoHS-2, REACH, and DFARS compliant

ICM is ISO 9001-2015 certified

Mechanical Properties

| Tests | Lot No. | Test Date | Ultimate Tensile Strength (KSI) | Yield Strength (KSI) | Percent Elongation |
|-------|-----------|-----------|---------------------------------|----------------------|--------------------|
| | | | min | min | min |
| | | | max | max | max |
| 1 | 201714863 | 9/21/17 | 47.80 | 44.40 | 15.80 |
| | | | | | 15.80 |

Chemical Composition for Aluminum Alloy 6061

| Cast # | Lot No. | Alloy | Si | Fe | Cu | Mn | Mg | Cr | Zn | Ti | AL | Others | | Melt Source: |
|-------------|-----------|-------|------|------|------|------|------|------|------|------|-------|--------|-------|--------------------------|
| | | | | | | | | | | | | Each | Total | |
| 101M170825B | 201714863 | 6061 | 0.76 | 0.36 | 0.32 | 0.10 | 0.88 | 0.11 | 0.05 | 0.03 | 97.40 | 0.05 | 0.15 | United States of America |
| 103E170530A | 201714863 | 6061 | 0.74 | 0.36 | 0.32 | 0.11 | 0.89 | 0.16 | 0.05 | 0.03 | 97.32 | 0.05 | 0.15 | United States of America |

CM products are melted and extruded in the USA

Calvin J. Wiggins

Calvin J. Wiggins, Director of Quality & Technical Services

Print Date: 9/21/2017

Rev 7/2017

PO. 13471
#5180

49946

2532

FAL-14

50737

TRA-2598

MILL TEST

| | | | | | |
|-----------------|----------------------|------------|------------------|------------------------|--------------|
| BILL TO | CERT CODE: | DIE NUMBER | DATE OF SHIPMENT | RDER NO. | MANIFEST NO. |
| | 1 | S 4657 | Dec/06/2017 | 212394 - 2 | 382626 |
| SHIP TO | CUSTOMER PO | ALLOY | SALESMAN | MADE IN CANADA | |
| ACIER OUELLETTE | 105987 | 6061 | HOUSE ACCOUNTS | | |
| SO DESCRIPTION | CUSTOMER PART NUMBER | TEMPER | | | |
| FLAT 4" X 1" | SO04657 | 6061 T6 | FLAT 4" X 1" | CERTIFICATION | |
| | | | | MILL TEST ASTM B221-14 | |

FAL 14

Mechanical Properties

| Lot | Alloy | Test Date | Ultimate Tensile Strength (KSI) | Yield Strength (KSI) | Percent Elongation | Hardness Rockwell F | Conductivity |
|------|-------|-------------|---------------------------------|----------------------|--------------------|---------------------|--------------|
| A.11 | 6061 | Nov/28/2017 | 42.80 | 39.80 | 10.00 | 86.0, 86.8, 87.6 | |

Chemical Composition

| Cast Number | Lot | Alloy | Si | Fe | Cu | Mn | Mg | Cr | Ni | Zn | Al | Ti | Ga | V | B | Zr | Pb | Sn | Sr | Co | Al | Other |
|-------------|------|-------|------|------|-----|------|------|------|----|------|----|------|----|---|---|----|----|----|----|----|----|-------|
| 387163 | A.11 | 6061 | 0.58 | 0.15 | 0.2 | 0.03 | 0.86 | 0.07 | 0 | 0.01 | 0 | 0.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

T. Mohabir

Tulsiram Mohabir
Quality Control Manager

1 - CUSTOMER COPY



TRUNG TÂM KHIỂM NGHIỆM CÔNG TY
THÀNH NHÓM TOÀN CẦU VIỆT NAM
GLOBAL VIETNAM ALUMINIUM
CO., LTD TESTING CENTER

Quality Manager

All profiles, showing material shipped match aluminum alloy as per standard, with chemical analysis to match aluminum alloy standard.
We hereby certify that the item listed have been checked and tested in accordance with the specifications noted and have been found to meet all the applicable requirements. Certifications are kept on file for 36 months from the date of purchase and are available for review upon request, referring to ASTM and the PO number.

| | | | |
|---------|----------------------|------|------------|
| 42.3 | Yield Strength (ksi) | 11.4 | 08/05/2017 |
| Remark: | Elongation % LN 2" | | |

MECHANICAL ANALYSIS:

| | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|------------|
| 0.609 | 0.952 | 0.247 | 0.272 | 0.018 | 0.096 | 0.011 | 0.020 | 97.678 | <0.05 | <0.10 | 08/05/2017 |
| Si | Mg | Fe | Cu | Mn | Cr | Zn | Ti | Al | EACH | TOTAL | Remark: |
| | | | | | | | | | Other | | |

CHEMICAL ANALYSIS: %

Applicable Specifications: ASTM B221 STANDARDS

PO number: P-17529
Shipping Ref No.: 17-2204
LC No.: DC HMN714466
Date of Issue: October 31, 2017
Item Code: 1927100
Die Number: D00227
Alloy & Temper: 6061-T6
Production Description: Flat Bar 1"x2"x 240" 6061-T6 D00227
Length (inch): 240
Bundle number: P-17529-007
Heat Number: SXF171892
Date: 10/05/2017

Date: November 17, 2017

MILL TEST CERTIFICATE

Address: MY XUAN BI-CONAC INDUSTRIAL ZONE, MY XUAN TOWN, TAN THANH DISTRICT,
BA RIA VUNG TAU PROVINCE, VIETNAM
Tel: +84(0)643924954
Fax: +84(0)643924953

GLOBAL VIETNAM ALUMINIUM COMPANY LIMITED

Global Vietnam
Aluminum Co., Ltd

GVA



49541

764-1643

FAL-12-V

2447

97778

Dart

17793N

KAISER ALUMINUM

FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

| | | | | | |
|-------------------------------------|-------------------------|------------------------------------|---------------------------------|--|----------------------|
| CUSTOMER PO NUMBER: 4500880929-1 | | CUSTOMER PART NUMBER: 160001379 | | PRODUCT DESCRIPTION: 1.000 X 6.000 PRECISION WIDE BAR | |
| KAISER ORDER NUMBER: 6052812 | LINE ITEM: 001 | SHIP DATE: 05/04/2018 | KAISER LOT NUMBER: 41096-047 | ALLOY: 6061 | TEMPER: T6511 |
| WEIGHT SHIPPED: 2032.000 LB | QUANTITY: 24.000 PCS | B/L NUMBER: 622689 | DIAM/DAF/THKNS: | WIDTH: | LENGTH: 12.000 FT |

Actual Physical Properties

| REFERENCE | DASH# | SAMPLE# | UTS (KSI) | YTS (KSI) | ELONG% | HARDNESS | CONDUCT. | BEND |
|-----------|-------|---------|-----------|-----------|--------|----------|----------|------|
| 41096-047 | 0001 | 1 | 46.2 | 40.8 | 18.0 | RE 96 | N/A | N/A |
| 41096-047 | 0001 | 2 | 53.0 | 49.0 | 19.0 | RE 96 | N/A | N/A |
| 41096-047 | 0001 | 3 | 46.0 | 40.3 | 18.0 | RE 94 | N/A | N/A |

Chemical Composition (wt%), Aluminum Remainder

| LIMITS | Si | Fe | Cu | Mn | Mg | Cr | Zn | Ti | Pb | Bi | Zr | Ea | Tot |
|---------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|
| Maximum | 0.80 | 0.70 | 0.40 | 0.15 | 1.20 | 0.35 | 0.25 | 0.15 | NA | NA | NA | 0.05 | 0.15 |
| Minimum | 0.40 | 0.00 | 0.15 | 0.00 | 0.80 | 0.04 | 0.00 | 0.00 | NA | NA | NA | 0.00 | 0.00 |
| H49691 | .72 | .29 | .29 | .09 | 1.04 | .09 | .09 | .06 | .01 | .00 | .00 | .01 | .02 |

Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221 2009 SECT II AMS-QQ-A-200/8A UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA (SHERMAN, TX) MELTED IN USA
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILITZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

Aimee L. Macnowski

Plant Serial: 00333104

Kaiser Order Number: 6052812

Line Item: 001

97778

Part

17783N

CERTIFICATE OF COMPLIANCE

SIGNATURE ALUMINUM CANADA

1850 CLEMENTS RD
PICKERING, ON L1W 3R8

| Cert Date | Cert No. | Sales Order | Page |
|------------|----------|-------------|----------|
| 03/21/2018 | 5470742 | 131282 | 1 |
| Cust PO | B/L No | Lot | Date |
| 4500868831 | 036444 | 896122 | 03/21/18 |

| Sold To | | Ship To | |
|-------------------------------|-------------------------|----------------------|-------------------|
| | | | |
| Item No | Part No | Item Description | Cust Part |
| 001 | C-012721-1 | 144" Mill 6061 T6511 | 160001392 2"X2.5" |
| Gross Weight | 1,140 LBS | | |
| Net Qty | 1,122 LBS 16 PCS 1 PKGS | | |
| Specification | | Die Desc | |
| AMS-QQ-A-200/8 & ASTM B221-08 | | | |

Mechanical Tests:

| <u>Tensile</u> | <u>Yield</u> | | | |
|------------------|------------------|---------------------|---------------------|------------|
| <u>MPA / KSI</u> | <u>MPA / KSI</u> | <u>% Elongation</u> | <u>Conductivity</u> | <u>HRE</u> |
| 336.6 / 48.8 | 313.1 / 45.4 | 13.7 | N/A | 93 |

Chemical Analysis:

| <u>Si</u> | <u>Fe</u> | <u>Cu</u> | <u>Mn</u> | <u>Mg</u> | <u>Cr</u> | <u>Zn</u> | <u>Ti</u> | <u>V</u> | <u>Zr</u> |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|
| 0.62 | 0.27 | 0.22 | 0.05 | 0.88 | 0.06 | 0.05 | 0.01 | 0.01 | 0.00 |

This Material is Made in Canada

This Material is RoHS Compliant

This will certify that the material described herein has been inspected and tested in accordance with Signature Aluminum Canada's standard sampling and testing procedures or in accordance with the requirements of any specification forming a part of the material description to the extent indicated herein. Data of chemical composition for the material and test results from samples representative of the material are set forth above hereof or in any attachments hereto. This information shows that the material meets the applicable requirements. Inspection and test records are maintained on file. This certificate shall be deemed apart of and subject to the terms and conditions of warranty set forth on the reverse side of our order acknowledgement form. No other warranties are applicable.

S. Gooder
Quality Manager
Signature Aluminum Canada Inc

ISO 9001/TS16949 Registered Company

Visit us at www.signaturealum.com

Rev A

SPECIFICATION CONTROL DRAWING

C PURCHASE MATERIAL 6061-T6 ALUMINUM SHEET OR PLATE
SPECIFICATION: QQ-A-250/11 OR AMS-QQ-A-250/11
OR ASTM B209

C PART NUMBER: M6061T6S | XXX | X | W | WWW |
THK | WIDTH

WHERE "XXX" = THICKNESS (IN INCHES)
AND "W.WWWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)
EG. 0.063" THICK SHEET = M6061T6S.063
EG. 3.5" WIDE BY 0.500" THICK PLATE = M6061T6S.500X3.500

C PREFERRED SIZE: XXX BY 4FT BY 8FT FOR SHEET

| | | | |
|---|---|-----|----------|
| C | ADD PLATE AND T6S1 SPEC | ML | 17.12.13 |
| B | REFORMAT DWG. ADD B209 SPEC (ZN D6-1). REF PAR 09-020A | CP | 09.07.13 |
| A | NEW ISSUE | RT | 01.06.06 |
| REV | DESCRIPTION | BY | DATE |
| DESIGN | DS | ML | |
| DRAWN | | | |
| CHECKED | NO | JFS | |
| MFG. APPR. | | | |
| APPROVED | HS | | |
| DE APPR. | CP | | |
| DATE | 17.12.13 | | |
| DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | | | |
| REV. C DRAWING NO. M6061T6S SHEET 1 OF 1 TITLE 6061-T6 SHEET/PLATE SPEC SCALE NTS | | | |

APPROVED
2018 MAR 13 4P
EJW 18.605

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T65-250x6250
 DATE: 18/07/10

PO / BATCH NO.: P0040358 / 5090358

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 64
 QUANTITY INSPECTED: 64
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.250"
 THICKNESS RECEIVED: 0.250"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

| DESCRIPTION | NCR (Check Y/N) | | COMMENTS |
|--|-----------------------|-----|---------------|
| SURFACE DAMAGE | Y | (N) | |
| CORRECT FINISH | (Y) | N | |
| CORROSION | Y | (N) | |
| CORRECT GRAIN DIRECTION | (Y) | N | |
| CORRECT MATERIAL PER M-DRAWING | (Y) | N | ASTM B20 |
| CORRECT THICKNESS | (Y) | N | |
| PHOTO REQUIRED | Y | (N) | |
| CORRECT REF # TO LINK CERT | (Y) | N | HT: 537035527 |
| CORRECT MATERIAL IDENTIFICATION | (Y) | N | |
| CORRECT M# ON THE MATERIAL | (Y) | N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y | (N) | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y | (N) | |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| | HRC | HRB | DUR A | DUR D | WEBSTER |
| TYPE OF MATERIAL | | | | | |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | ENGINEERING SIGNOFF (if required) |
|--|-------------------------------------|
| INSPECTED BY: <u>AT</u> DATE: <u>18/07/10</u> | SIGNED OFF BY: _____ DATE: _____ |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL 6061-T6/T62/T65 ALUMINUM SHEET OR PLATE
SPECIFICATION:
QQ-A-250/11 OR AMS-QQ-A-250/11
OR ASTM B209

PART NUMBER: M6061T6S XXX: X'W.WWW' THK' WIDTH'

WHERE "XXX" = THICKNESS (IN INCHES)
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M6061T6S.063
EG. 3.5" WIDE BY 0.500" THICK PLATE = M6061T6S 500X3.500

PREFERRED SIZE: XXX BY 4FT BY 8FT FOR SHEET

APPROVED
2018 MAR 13
EJ 18-606

| | | | |
|--|--|------|-----------------------------|
| C | ADD PLATE AND T651 SPEC | ML | 17 12 13 |
| B | REFORMAT DWG. ADD B209 SPEC (ZN DB-1). REF PART 08-020A | CP | 09 07 13 |
| A | NEW ISSUE | RF | 01 06 08 |
| REV | DESCRIPTION | BY | DATE |
| DESIGN | DS | ML | DART AEROSPACE LTD |
| DRAWN | ML | NO | HAWKESBURY, ONTARIO, CANADA |
| CHECKED | NO | JFS | DRAWING NO. M6061T6S |
| MFG. APPR. | JFS | HS | TITLE |
| APPROVED | HS | CP | 6061-T6 SHEET/PLATE SPEC |
| DE APPR | CP | DATE | 17.12.13 |
| DATE | 17.12.13 | NTS | SCALE |
| REV. C SHEET 1 OF 1 | | | |
| COPYRIGHT © 2001 BY DART AEROSPACE LTD | | | |

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M 6061 T6S-250
 DATE: 18/07/10

PO / BATCH NO.: P040358/5090359

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 3254
 QUANTITY INSPECTED: 3254
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 8x40.250"
 THICKNESS RECEIVED: 8x40.250"
 SHEET SIZE ORDERED: 8x4
 SHEET SIZE RECEIVED: 8x4

| DESCRIPTION | NCR (Check Y/N) | | COMMENTS |
|--|-------------------------------------|-------------------------------------|---------------|
| SURFACE DAMAGE | Y | <input checked="" type="checkbox"/> | |
| CORRECT FINISH | <input checked="" type="checkbox"/> | N | |
| CORROSION | Y | <input checked="" type="checkbox"/> | |
| CORRECT GRAIN DIRECTION | <input checked="" type="checkbox"/> | N | |
| CORRECT MATERIAL PER M-DRAWING | <input checked="" type="checkbox"/> | N | ASTM B209 |
| CORRECT THICKNESS | <input checked="" type="checkbox"/> | N | |
| PHOTO REQUIRED | Y | <input checked="" type="checkbox"/> | |
| CORRECT REF # TO LINK CERT | <input checked="" type="checkbox"/> | N | HT: 537035527 |
| CORRECT MATERIAL IDENTIFICATION | <input checked="" type="checkbox"/> | N | |
| CORRECT M# ON THE MATERIAL | <input checked="" type="checkbox"/> | N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y | N | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y | N | |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| TYPE OF MATERIAL | HRC | HRB | DUR A | DUR D | WEBSTER |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | ENGINEERING SIGNOFF (if required) |
|--|-------------------------------------|
| INSPECTED BY: <u>AT</u> DATE: <u>18/07/10</u> | SIGNED OFF BY: _____ DATE: _____ |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNNEED

SPECIFICATION:

MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240

FINISH:

FINISH
UNPOLISHED No. 1
UNPOLISHED No. 2D
UNPOLISHED No. 2B
POLISHED No. 3
POLISHED No. 4
BUFFED No. 6
BUFFED No. 7
BUFFED No. 8

PART NUMBER: M304S TT GA #P
GA

WHERE "TT" = GAUGE THICKNESS
WHERE "P" = FINISH IDENTIFIER

EG. 16 GAUGE SS SHEET 2B FINISH = M304S16GA
EG. 16 GAUGE SS SHEET No. 4 POLISHED = M304S16GA4P

GAUGE THICKNESS REFERENCE:

| GAUGE | NOM THICK. (IN.) | THICKNESS RANGE (IN.) |
|-------|---------------------|--------------------------|
| 26 | 0.01875 | 0.0178 - 0.019 |
| 25 | 0.021875 | 0.0199 - 0.023 |
| 24 | 0.025 | 0.024 - 0.026 |
| 23 | 0.028125 | 0.027 - 0.029 |
| 22 | 0.03125 | 0.030 - 0.032 |
| 21 | 0.034375 | 0.033 - 0.035 |
| 20 | 0.0375 | 0.036 - 0.040 |
| 19 | 0.04375 | 0.041 - 0.046 |
| 18 | 0.050 | 0.047 - 0.052 |
| 17 | 0.05625 | 0.053 - 0.058 |
| 16 | 0.0625 | 0.059 - 0.065 |
| 15 | 0.0703125 | 0.066 - 0.072 |
| 14 | 0.078125 | 0.073 - 0.083 |
| 13 | 0.09375 | 0.084 - 0.098 |
| 12 | 0.109375 | 0.099 - 0.114 |
| 11 | 0.125 | 0.115 - 0.130 |
| 10 | 0.140625 | 0.131 - 0.145 |
| 9 | 0.15625 | 0.146 - 0.160 |
| 8 | 0.171875 | 0.161 - 0.176 |
| 7 | 0.1875 | 0.182 - 0.194 |
| 6 | 0.2031 | 0.194 - 0.212 |
| 5 | 0.2188 | 0.201 - 0.228 |
| 4 | 0.2344 | 0.225 - 0.243 |
| 3 | 0.2500 | 0.236 - 0.262 |
| 2 | 0.2656 | 0.254 - 0.278 |
| 1 | 0.2813 | 0.269 - 0.293 |
| 0 | 0.3125 | 0.301 - 0.325 |

RELEASED

2015 FEB 04

ECN 15-322

| D | ADDED GAUGES 0-7 | AJS | 15.01.06 |
|------------|--|-----|----------|
| C | DEFINED FINISH OPTION (IN TS) AND (X)AMPLE OF MATERIAL FIN W TH FINISH OTHER THAN 2B (ZN 85) | M9 | 12.09.20 |
| B | REFORMAT DWG. ADD ASTM/ASME SPLCS (2ND 8-1) ADD GAUGE REF (03-1), REF PART 08-0204 | CP | 09.06.01 |
| A | NEW ISSUE | DS | 01.09.24 |
| REV | DESCRIPTION | BY | DATE |
| DESIGN | DS | | |
| DRAWN | AJS | | |
| CHECKED | | | |
| MFG. APPR. | | | |
| APPROVED | | | |
| DE APPR. | | | |
| DATE | 15.01.06 | | |

DART AEROSPACE LTD

HAWKESBURY, ONTARIO, CANADA

DRAWING NO

M304S

TITLE

304/316 SS SHEET

SCALE

NTS

REV D

SHEET 1 OF 1

DATE

15.01.06

DATE

15.01.06

DATE

15.01.06

DATE

15.01.06

DATE

15.01.06

DATE

15.01.06

DATE

15.01.06

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M 3045206A
 DATE: 18/07/10

PO / BATCH NO.: P0040358/5090402

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 256sf
 QUANTITY INSPECTED: 256sf
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .040"
 THICKNESS RECEIVED: .040"
 SHEET SIZE ORDERED: 4x8
 SHEET SIZE RECEIVED: 4x8

| DESCRIPTION | NCR (Check Y/N) | | COMMENTS |
|---|------------------------------------|------------------------------------|------------------|
| SURFACE DAMAGE | Y | <input checked="" type="radio"/> N | |
| CORRECT FINISH | <input checked="" type="radio"/> Y | N | |
| CORROSION | Y | <input checked="" type="radio"/> N | |
| CORRECT GRAIN DIRECTION | <input checked="" type="radio"/> Y | N | |
| CORRECT MATERIAL PER M-DRAWING | <input checked="" type="radio"/> Y | N | <u>ASTM A240</u> |
| CORRECT THICKNESS | <input checked="" type="radio"/> Y | N | |
| PHOTO REQUIRED | Y | <input checked="" type="radio"/> N | |
| CORRECT REF # TO LINK CERT | <input checked="" type="radio"/> Y | N | <u>HT: 6976</u> |
| CORRECT MATERIAL IDENTIFICATION | <input checked="" type="radio"/> Y | N | |
| CORRECT M# ON THE MATERIAL | <input checked="" type="radio"/> Y | N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y | <input checked="" type="radio"/> N | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y | <input checked="" type="radio"/> N | |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING | HRC | HRB | DUR A | DUR D | WEBSTER |
| | | | | | |
| | | | | | |
| | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | | ENGINEERING SIGNOFF (if required) |
|--|-------------------------------------|-----------------------------------|
| INSPECTED BY: <u>AT</u> DATE: <u>18/07/10</u> | SIGNED OFF BY: _____ DATE: _____ | |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED

SPECIFICATION:

MIL-S-5050
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240

FINISH:

FINISH

DART M-NUMBER

IDENTIFIER
1P
2D
NONE
3P
4P
6P
7P
8P

PART NUMBER:

M304S TT GA #P
GA

WHERE "TT" = GAUGE THICKNESS
WHERE "P" = FINISH IDENTIFIER

EG. 16 GAUGE SS SHEET 28 FINISH = M304S16GA
EG. 16 GAUGE SS SHEET No. 4 POLISHED = M304S16GA4P

GAUGE THICKNESS REFERENCE:

| GAUGE | NOM. THICK. (IN) | THICKNESS RANGE (IN) |
|-------|---------------------|-------------------------|
| 26 | 0.01875 | 0.0178 - 0.019 |
| 25 | 0.021875 | 0.0199 - 0.023 |
| 24 | 0.025 | 0.024 - 0.026 |
| 23 | 0.028125 | 0.027 - 0.029 |
| 22 | 0.03125 | 0.030 - 0.032 |
| 21 | 0.034375 | 0.033 - 0.035 |
| 20 | 0.0375 | 0.036 - 0.040 |
| 19 | 0.04375 | 0.041 - 0.046 |
| 18 | 0.050 | 0.047 - 0.052 |
| 17 | 0.05625 | 0.053 - 0.058 |
| 16 | 0.0625 | 0.059 - 0.065 |
| 15 | 0.0703125 | 0.066 - 0.072 |
| 14 | 0.078125 | 0.073 - 0.083 |
| 13 | 0.08375 | 0.084 - 0.098 |
| 12 | 0.109375 | 0.099 - 0.114 |
| 11 | 0.125 | 0.115 - 0.130 |
| 10 | 0.140625 | 0.131 - 0.145 |
| 9 | 0.15625 | 0.146 - 0.160 |
| 8 | 0.171875 | 0.161 - 0.176 |
| 7 | 0.1875 | 0.182 - 0.194 |
| 6 | 0.2031 | 0.194 - 0.212 |
| 5 | 0.2188 | 0.201 - 0.228 |
| 4 | 0.2344 | 0.225 - 0.243 |
| 3 | 0.2500 | 0.238 - 0.262 |
| 2 | 0.2656 | 0.254 - 0.278 |
| 1 | 0.2813 | 0.269 - 0.293 |
| 0 | 0.3125 | 0.301 - 0.326 |

RELEASED
2015 FEB 04
ECN 15-172 47

| | | | |
|---|--|-----|----------|
| D | ADDED GAUGES 0-7 | AJS | 15 01 06 |
| C | DEFINED FINISH OPTION (ZIN CB) AND EXAMPLE OF MATERIAL FIN W/TH FINISH OTHER THAN ZIN B5 | MR | 12 09 70 |
| B | REFORMAT DWG. ADD ASTM/ASME SPECS (ZIN D8-1). ADD GAUGE REF. (CB-1). REF PAR 08-020A | CP | 08 06 01 |
| A | NEW ISSUE | DS | 01 09 24 |
| REV | DESCRIPTION | BY | DATE |
| DESIGN | DS | | |
| DRAWN | AJS | | |
| CHECKED | | | |
| MFG. APPR. | M304S | | |
| APPROVED | | | |
| DE APPR. | | | |
| DATE | 15.01.06 | | |
| DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | | | |
| DRAWING NO. M304S | | | |
| REV D | | | |
| SHEET 1 OF 1 | | | |
| SCALE | | | |
| NTS | | | |
| COPYRIGHT © 2001 BY DART AEROSPACE LTD | | | |

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M 304S 18 GA
 DATE: 18/07/10

PO / BATCH NO.: P0040358/5090403

MATERIAL CERT REC'D: Kes
 QUANTITY RECEIVED: 192sf
 QUANTITY INSPECTED: 192sf
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.050"
 THICKNESS RECEIVED: 0.050"
 SHEET SIZE ORDERED: 4x8
 SHEET SIZE RECEIVED: 4x8

| DESCRIPTION | NCR (Check Y/N) | | COMMENTS |
|--|---------------------------------------|---------------------------------------|-----------|
| SURFACE DAMAGE | <input checked="" type="checkbox"/> Y | <input checked="" type="checkbox"/> N | |
| CORRECT FINISH | <input checked="" type="checkbox"/> Y | <input checked="" type="checkbox"/> N | |
| CORROSION | <input checked="" type="checkbox"/> Y | <input checked="" type="checkbox"/> N | |
| CORRECT GRAIN DIRECTION | <input checked="" type="checkbox"/> Y | <input checked="" type="checkbox"/> N | |
| CORRECT MATERIAL PER M-DRAWING | <input checked="" type="checkbox"/> Y | <input checked="" type="checkbox"/> N | ASTM A240 |
| CORRECT THICKNESS | <input checked="" type="checkbox"/> Y | <input checked="" type="checkbox"/> N | |
| PHOTO REQUIRED | <input checked="" type="checkbox"/> Y | <input checked="" type="checkbox"/> N | |
| CORRECT REF # TO LINK CERT | <input checked="" type="checkbox"/> Y | <input checked="" type="checkbox"/> N | MT. 088E |
| CORRECT MATERIAL IDENTIFICATION | <input checked="" type="checkbox"/> Y | <input checked="" type="checkbox"/> N | |
| CORRECT M# ON THE MATERIAL | <input checked="" type="checkbox"/> Y | <input checked="" type="checkbox"/> N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | <input checked="" type="checkbox"/> Y | <input checked="" type="checkbox"/> N | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | <input checked="" type="checkbox"/> Y | <input checked="" type="checkbox"/> N | |

| CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| | HRC | HRB | DUR A | DUR D | WEBSTER |
| TYPE OF MATERIAL | | | | | |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | | ENGINEERING SIGNOFF (if required) | |
|-------------------------|----------------------|-----------------------------------|--|
| INSPECTED BY: <u>AK</u> | SIGNED OFF BY: _____ | | |
| DATE: <u>18/07/10</u> | DATE: _____ | | |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS ROUND BAR
(NOTE: AISI 303 NOT ACCEPTABLE)

SPECIFICATION:
PART NUMBER:

ASTM A276
M304R0.DDD DIA.

WHERE "D.DDD" = DIAMETER IN INCHES
EG. 0.75" ROUND BAR = M304R0.750

RELEASED
10/08/23

| | | | |
|--|-----------------------------------|-----|----------|
| B | REFORMAT DWG. ADD SPECS (ZN D6-1) | QP | 09.07.15 |
| A | NEW ISSUE | AUS | 08.03.03 |
| REV | DESCRIPTION | BY | DATE |
| DESIGN | ASS | | |
| DRAWN | QA | | |
| CHECKED | | | |
| MFG APPR | DRAWING NO | | |
| APPROVED | M304R | | |
| DE APPR | TITLE | | |
| DATE | 09.07.15 | | |
| 304/316 ROUND BAR | | | |
| SCALE | | | |
| NTS | | | |
| COPYRIGHT © 2008 BY DART AEROSPACE LTD | | | |
| HAWKESBURY, ONTARIO, CANADA | | | |
| REV. B | | | |
| SHEET 1 OF 1 | | | |

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304L0.375
DATE: 18/07/10

PO / BATCH NO.: P0040358/S090360

MATERIAL CERT REC'D: Kes
QUANTITY RECEIVED: 24'
QUANTITY INSPECTED: 24'
QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.375"
THICKNESS RECEIVED: 0.375"
SHEET SIZE ORDERED: ✓
SHEET SIZE RECEIVED: ✓

| DESCRIPTION | NCR (Check Y/N) | COMMENTS |
|--|-----------------------|-------------|
| SURFACE DAMAGE | Y (N) | |
| CORRECT FINISH | Y (N) | |
| CORROSION | Y (N) | |
| CORRECT GRAIN DIRECTION | Y (N) | |
| CORRECT MATERIAL PER M-DRAWING | Y (N) | ASTM A276 |
| CORRECT THICKNESS | Y (N) | |
| PHOTO REQUIRED | Y (N) | |
| CORRECT REF # TO LINK CERT | Y (N) | Ht: 1711164 |
| CORRECT MATERIAL IDENTIFICATION | Y (N) | |
| CORRECT M# ON THE MATERIAL | Y (N) | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y (N) | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y (N) | |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| TYPE OF MATERIAL | HRC | HRB | DUR A | DUR D | WEBSTER |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| | | | |
|-------------------------|------------------------|--|--|
| QC 18 INSPECTION | | ENGINEERING SIGNOFF (if required) | |
| INSPECTED BY: <u>AT</u> | <u>DAS</u> <u>9</u> | SIGNED OFF BY: _____ | |
| DATE: <u>18/07/10</u> | | DATE: _____ | |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 303 SS ROUND BAR
(NOTE: AISI 304/316 NOT ACCEPTABLE)

SPECIFICATION: ASTM A582
PART NUMBER: M303R0.DDD
DIA.

WHERE "D.DDD" = DIAMETER IN INCHES
EG. 0.75" ROUND BAR = M303R0.750

RELEASED
2010-07-02
NRP

| | | | |
|---|----------------------------------|----|----------|
| B | REFORMAT Dwg. ADD SPECS (ZND8-1) | CP | 10.01.05 |
| A | NEW ISSUE | DS | 01.12.20 |
| REV | DESCRIPTION | BY | DATE |
| DESIGN | | | |
| DRAWN | | | |
| CHECKED | | | |
| MFG APPR | | | |
| APPROVED | | | |
| DE APPR | | | |
| DATE | 10.01.05 | | |
| DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | | | |
| DRAWING NO. M303R | | | |
| TITLE 303 ROUND BAR | | | |
| REV. B | | | |
| SHEET 1 OF 1 | | | |
| SCALE NTS | | | |
| CONTRACT # 2001 BY DART AEROSPACE LTD | | | |

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303K0.750
 DATE: 18/07/10

PO / BATCH NO.: POM0358/5090361

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 9644
 QUANTITY INSPECTED: 9644
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.750"
 THICKNESS RECEIVED: 0.750"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

| DESCRIPTION | NCR (Check Y/N) | | COMMENTS |
|--|-----------------------|-----|-----------|
| SURFACE DAMAGE | Y | (N) | |
| CORRECT FINISH | (Y) | N | |
| CORROSION | Y | (N) | |
| CORRECT GRAIN DIRECTION | (Y) | N | |
| CORRECT MATERIAL PER M-DRAWING | (Y) | N | ASTM 582 |
| CORRECT THICKNESS | (Y) | N | |
| PHOTO REQUIRED | Y | (N) | |
| CORRECT REF # TO LINK CERT | (Y) | N | MT: 5J049 |
| CORRECT MATERIAL IDENTIFICATION | (Y) | N | |
| CORRECT M# ON THE MATERIAL | (Y) | N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y | (N) | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y | (N) | |

| CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| TYPE OF MATERIAL | HRC | HRB | DUR A | DUR D | WEBSTER |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | | ENGINEERING SIGNOFF (if required) | |
|-------------------------|--|-----------------------------------|--|
| INSPECTED BY: <u>AT</u> | | SIGNED OFF BY: _____ | |
| DATE: <u>18/07/10</u> | | DATE: _____ | |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 303 SS ROUND BAR
(NOTE: AISI 304/316 NOT ACCEPTABLE)

SPECIFICATION: ASTM A582
PART NUMBER: M303R0.DDD
DIA.

WHERE "D DDD" = DIAMETER IN INCHES
EG. 0.75" ROUND BAR = M303R0.750

RELEASED
R 2010-02-02
NR

| | | | |
|----------|------------------------------------|---|----------|
| B | REFORMAT DIAG. ADD SPECS (ZN D8-1) | CP | 10.01.05 |
| A | REF PAR 08-020A | DS | 01.12.20 |
| REV | NEW ISSUE | BY | DATE |
| DESIGN | | DART AEROSPACE LTD | |
| DRAWN | | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO | |
| MFG APPR | | M303R | |
| APPROVED | | TITLE | |
| DE APPR | | 303 ROUND BAR | |
| DATE | 10.01.05 | SHEET 1 OF 1 | REV. B |
| | | SCALE | NTS |
| | | COMPLIANT WITH 2001 BY DART AEROSPACE LTD | |

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303K0-250
 DATE: 18/07/10

PO / BATCH NO.: B040358/5090362

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 3644
 QUANTITY INSPECTED: 3644
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.250"
 THICKNESS RECEIVED: 0.250"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

| DESCRIPTION | NCR (Check Y/N) | COMMENTS |
|--|-----------------------|------------|
| SURFACE DAMAGE | Y (N) | |
| CORRECT FINISH | (Y) N | |
| CORROSION | Y (N) | |
| CORRECT GRAIN DIRECTION | (Y) N | |
| CORRECT MATERIAL PER M-DRAWING | (Y) N | ASTM A582 |
| CORRECT THICKNESS | (Y) N | |
| PHOTO REQUIRED | Y (N) | |
| CORRECT REF # TO LINK CERT | (Y) N | MT: 101621 |
| CORRECT MATERIAL IDENTIFICATION | (Y) N | |
| CORRECT M# ON THE MATERIAL | (Y) N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y (N) | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y (N) | |

| CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| TYPE OF MATERIAL | HRC | HRB | DUR A | DUR D | WEBSTER |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | ENGINEERING SIGNOFF (if required) |
|--|-------------------------------------|
| INSPECTED BY: <u>AT</u> <small>DAS</small> DATE: <u>18/07/10</u> <small>SBS</small> | SIGNED OFF BY: _____ DATE: _____ |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 303 SS ROUND BAR
(NOTE: AISI 304/316 NOT ACCEPTABLE)

ASTM A582

SPECIFICATION:

M303R0.000

PART NUMBER:

DIA.

WHERE "0.000" = DIAMETER IN INCHES

EG. 0.75" ROUND BAR = M303R0.750

RELEASED
R 2010-02-02
NR

| | | | |
|---|---|----|----------|
| B | REFORMAT Dwg. ADD SPECS (ZN D8-1), REF PAR 08-020A | CP | 10 01 05 |
| A | NEW ISSUE | DS | 01 12 20 |
| REV | DESCRIPTION | SY | DATE |
| DESIGN | | | |
| DRAWN | | | |
| CHECKED | | | |
| MFG. APPR | | | |
| APPROVED | | | |
| DE APPR | | | |
| DATE | 10.01.05 | | |
| DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | | | |
| DRAWING NO M303R | | | |
| TITLE 303 ROUND BAR | | | |
| SHEET 1 OF 1 | | | |
| SCALE NTS | | | |
| CONTRACT NO. 2007 BY DART AEROSPACE LTD | | | |

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303R1.000
DATE: 18/07/10

PO / BATCH NO.: P0040358/5090363

MATERIAL CERT REC'D: Yes
QUANTITY RECEIVED: 12'
QUANTITY INSPECTED: 12'
QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.00
THICKNESS RECEIVED: 1.00
SHEET SIZE ORDERED: —
SHEET SIZE RECEIVED: —

| DESCRIPTION | NCR (Check Y/N) | COMMENTS |
|--|---|-----------|
| SURFACE DAMAGE | Y <input checked="" type="checkbox"/> N | |
| CORRECT FINISH | Y <input checked="" type="checkbox"/> N | |
| CORROSION | Y <input checked="" type="checkbox"/> N | |
| CORRECT GRAIN DIRECTION | Y <input checked="" type="checkbox"/> N | |
| CORRECT MATERIAL PER M-DRAWING | Y <input checked="" type="checkbox"/> N | ASTM A582 |
| CORRECT THICKNESS | Y <input checked="" type="checkbox"/> N | |
| PHOTO REQUIRED | Y <input checked="" type="checkbox"/> N | |
| CORRECT REF # TO LINK CERT | Y <input checked="" type="checkbox"/> N | LT-620M |
| CORRECT MATERIAL IDENTIFICATION | Y <input checked="" type="checkbox"/> N | |
| CORRECT M# ON THE MATERIAL | Y <input checked="" type="checkbox"/> N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y <input checked="" type="checkbox"/> N | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y <input checked="" type="checkbox"/> N | |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| TYPE OF MATERIAL | HRC | HRB | DUR A | DUR D | WEBSTER |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| | | | |
|-------------------------|--|--|--|
| QC 18 INSPECTION | | ENGINEERING SIGNOFF (if required) | |
| INSPECTED BY: <u>AT</u> | | SIGNED OFF BY: _____ | |
| DATE: <u>18/07/10</u> | | DATE: _____ | |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 303 SS ROUND BAR
(NOTE: AISI 304/316 NOT ACCEPTABLE)

ASTM A302

SPECIFICATION:

PART NUMBER: M303RD.DDD
DIA.

WHERE "D DDD" = DIAMETER IN INCHES
EG. 0.75" ROUND BAR = M303R0.750

RELEASED
R 2010-02-02
NRP

| | | | |
|-----------|--|---------------------------------|--------------|
| B | REFORMAT Dwg. ADD SPECS (2N D8-1) REF PAR 08-020A | CP | 10.01.05 |
| A | NEW ISSUE | DS | 01 12 20 |
| REV | | BY | DATE |
| DESIGN | | DART AEROSPACE LTD | |
| DRAWN | | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO | REV B |
| MFG. APPR | | M303R | SHEET 1 OF 1 |
| APPROVED | | TITLE | SCALE |
| DE APPR | | 303 ROUND BAR | NTS |
| DATE | 10.01.05 | CONVERTED BY DART AEROSPACE LTD | |

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303 R1.375
 DATE: 18/07/10

PO / BATCH NO.: P0040358/S090364

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 12.5"
 QUANTITY INSPECTED: 12.5"
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.375"
 THICKNESS RECEIVED: 1.375"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

| DESCRIPTION | NCR (Check Y/N) | COMMENTS |
|--|--------------------------------------|-----------|
| SURFACE DAMAGE | Y <input checked="" type="radio"/> N | |
| CORRECT FINISH | Y <input checked="" type="radio"/> N | |
| CORROSION | Y <input checked="" type="radio"/> N | |
| CORRECT GRAIN DIRECTION | Y <input checked="" type="radio"/> N | |
| CORRECT MATERIAL PER M-DRAWING | Y <input checked="" type="radio"/> N | ASTM A582 |
| CORRECT THICKNESS | Y <input checked="" type="radio"/> N | |
| PHOTO REQUIRED | Y <input checked="" type="radio"/> N | |
| CORRECT REF # TO LINK CERT | Y <input checked="" type="radio"/> N | HT: 721P |
| CORRECT MATERIAL IDENTIFICATION | Y <input checked="" type="radio"/> N | |
| CORRECT M# ON THE MATERIAL | Y <input checked="" type="radio"/> N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y <input checked="" type="radio"/> N | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y <input checked="" type="radio"/> N | |

| CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| | HRC | HRB | DUR A | DUR D | WEBSTER |
| TYPE OF MATERIAL | | | | | |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | | ENGINEERING SIGNOFF (if required) |
|--|----------------------|-----------------------------------|
| INSPECTED BY: <u>AT</u> DAS 9 | SIGNED OFF BY: _____ | |
| DATE: <u>18/07/10</u> S-B | DATE: _____ | |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL (6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR
SPECIFICATION:
QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER

M6061T6R(D.DDD)
DIA.

WHERE "D.DDD" = DIAMETER IN INCHES

EG. 5/8" ROUND BAR = M6061T6R0.625

RELEASED
R 2009-09-09
MD

| | | | |
|--|---|--------------|----------|
| B | REFORMAT DWG. ADC B211& B221 SPEC (ZN D8-1), REF PAR 08-020A | CP | 09.07.13 |
| A | NEW ISSL | DS | 01.08.08 |
| REV. | DESCRIPTION | RY | DA |
| DESIGN | | | |
| DRAWN | | | |
| CHECKED | | | |
| MFG. APPR. | | | |
| APPROVED | | | |
| DE APPR | | | |
| DATE | 09.07.13 | | |
| DART AEROSPACE LTD HAWKESBURY, ONTARIO CANADA | | REV B | |
| DRAWING NO. M6061T6R | | SHEET 1 OF 1 | |
| TITLE 6061-T6 ROUND BAR | | SCALE NTS | |
| COPYRIGHT © 2001 BY DART AEROSPACE LTD | | | |

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061 T6 R0.625
 DATE: 18/07/10

PO / BATCH NO.: P0040358/5090265

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 100Lb
 QUANTITY INSPECTED: 100Lb
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.625"
 THICKNESS RECEIVED: 0.625"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

| DESCRIPTION | NCR (Check Y/N) | | COMMENTS |
|---|------------------------------------|------------------------------------|------------|
| SURFACE DAMAGE | Y | <input checked="" type="radio"/> N | |
| CORRECT FINISH | <input checked="" type="radio"/> Y | N | |
| CORROSION | Y | <input checked="" type="radio"/> N | |
| CORRECT GRAIN DIRECTION | <input checked="" type="radio"/> Y | N | |
| CORRECT MATERIAL PER M-DRAWING | <input checked="" type="radio"/> Y | N | ASTM B221 |
| CORRECT THICKNESS | <input checked="" type="radio"/> Y | N | |
| PHOTO REQUIRED | Y | <input checked="" type="radio"/> N | |
| CORRECT REF # TO LINK CERT | <input checked="" type="radio"/> Y | N | 489021101A |
| CORRECT MATERIAL IDENTIFICATION | <input checked="" type="radio"/> Y | N | |
| CORRECT M# ON THE MATERIAL | <input checked="" type="radio"/> Y | N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y | <input checked="" type="radio"/> N | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y | <input checked="" type="radio"/> N | |

| CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| TYPE OF MATERIAL | HRC | HRB | DUR A | DUR D | WEBSTER |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | | ENGINEERING SIGNOFF (if required) |
|--|-------------------------------------|-----------------------------------|
| INSPECTED BY: <u>AI</u> DATE: <u>18/07/10</u> | SIGNED OFF BY: _____ DATE: _____ | |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

| | | | | | |
|-------------|--|-------------------|----------|----|----------|
| B | REFORMAT DWG ADD B211A B221 SPEC. (ZIN D6-1). REF PAR 08-020A | NEW ISS. <i>f</i> | 09.07.13 | CP | 09.07.13 |
| A | | | | DS | 01.08.08 |
| REV | | | | HY | |
| DESCRIPTION | DART | | | | |
| DESIGN | DART AEROSPACE LTD | | | | |
| CHECKED | HAWKESBURY, ONTARIO, CANADA | | | | |
| DRAWING NO | REV. B | | | | |
| MTG APPR | SHEET 1 OF 1 | | | | |
| APPROVED | SCALE | | | | |
| DE APPR | NTS | | | | |
| DATE | 09.07.13 | | | | |

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6R1.625
 DATE: 18/07/10

PO / BATCH NO.: P0040358 / S040366

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.625"
 THICKNESS RECEIVED: 1.625"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

| DESCRIPTION | NCR (Check Y/N) | | COMMENTS |
|--|-----------------------|-----|---------------|
| SURFACE DAMAGE | Y | (N) | |
| CORRECT FINISH | (Y) | N | |
| CORROSION | Y | (N) | |
| CORRECT GRAIN DIRECTION | (Y) | N | |
| CORRECT MATERIAL PER M-DRAWING | (Y) | N | AMS-QQ-A-2028 |
| CORRECT THICKNESS | (Y) | N | |
| PHOTO REQUIRED | Y | (N) | |
| CORRECT REF # TO LINK CERT | (Y) | N | HT-201801246 |
| CORRECT MATERIAL IDENTIFICATION | (Y) | N | |
| CORRECT M# ON THE MATERIAL | (Y) | N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y | (N) | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y | (N) | |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| | HRC | HRB | DUR A | DUR D | WEBSTER |
| TYPE OF MATERIAL | | | | | |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | ENGINEERING SIGNOFF (if required) |
|--|-----------------------------------|
| INSPECTED BY: <u>AT</u> DAS 9 | SIGNED OFF BY: _____ |
| DATE: <u>18/07/10</u> | DATE: _____ |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR
 SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
 OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
 OR ASTM B211 OR ASTM B221

PART NUMBER: M6061T6R(D.DDD)
 DIA

WHERE "D DDD" = DIAMETER IN INCHES
 EG. 5/8" ROUND BAR = M6061T6R0.625

RELEASED
 2009-09-09
 NP

| | | | |
|----------|---|----|----------|
| B | REFORMAT DWG. ADD B211 & B221 SPEC (ZN DB-1). | CP | 09.07.13 |
| A | NEW IS | DS | 01.06.09 |
| REV | DESCRIPTION | BY | DATE |
| DESIGN | | | |
| DRAWN | | | |
| CHECKED | | | |
| MFG APPR | | | |
| APPROVED | | | |
| DE APPR | | | |
| DATE | 09.07.13 | | |

| | |
|--|-------------------|
| DART AEROSPACE LTD | |
| HAWKESBURY, ONTARIO CANADA | |
| DRAWING NO. | M6061T6R |
| TITLE | 6061-T6 ROUND BAR |
| SCALE | NTS |
| SHEET 1 OF 1 | REV B |
| COPYRIGHT © 2001 BY DART AEROSPACE LTD | |

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6R2.375
 DATE: 18/07/10

PO / BATCH NO.: P0040358/5090367

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 2.375"
 THICKNESS RECEIVED: 2.375"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

| DESCRIPTION | NCR (Check Y/N) | COMMENTS |
|--|-----------------------|---------------|
| SURFACE DAMAGE | Y (N) | |
| CORRECT FINISH | (Y) N | |
| CORROSION | Y (N) | |
| CORRECT GRAIN DIRECTION | (Y) N | |
| CORRECT MATERIAL PER M-DRAWING | (Y) N | ASTM B221 |
| CORRECT THICKNESS | (Y) N | |
| PHOTO REQUIRED | Y (N) | |
| CORRECT REF # TO LINK CERT | (Y) N | HT: 201807529 |
| CORRECT MATERIAL IDENTIFICATION | (Y) N | |
| CORRECT M# ON THE MATERIAL | (Y) N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y (N) | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y (N) | |

| CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| TYPE OF MATERIAL | HRC | HRB | DUR A | DUR D | WEBSTER |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| | | | |
|-------------------------------------|-------------|--|--|
| QC 18 INSPECTION | | ENGINEERING SIGNOFF (if required) | |
| INSPECTED BY: <u>M. [Signature]</u> | <u>DAS</u> | SIGNED OFF BY: _____ | |
| DATE: <u>18/07/10</u> | <u>9-89</u> | DATE: _____ | |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL 6061-T6/6061-T651/T6510/T6511/T62 ALUMINUM ROUND BAR
 SPECIFICATION: QQ-A-225/B OR AMS-QQ-A-225/B (OR AMS 4117/4128/4115/4116)
 OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
 OR ASTM B211 OR ASTM B221

PART NUMBER M6061T6R/D.DDD/DIA.
 WHERE "D.DDD" = DIAMETER IN INCHES
 EG. 5/8" ROUND BAR = M6061T6R0.625

RELEASED
 2009-09-09
NP

| | | |
|----------|---|--------------------------------|
| REV | DESCRIPTION | DATE |
| B | REFORMAT DWG ADD B211 & B221 SPEC (IN D6-1) | 09.07.13 |
| A | NEW ISS | 01.06.09 |
| CP | DATE | 09.07.13 |
| DS | DATE | 01.06.09 |
| HY | DATE | |
| DESIGN | DART AEROSPACE LTD | |
| DRAWN | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | DRAWING NO. | REV B |
| MFG APPR | M6061T6R | SHEET 1 OF 1 |
| APPROVED | TITLE | SCALE |
| DE APPR | 6061-T6 ROUND BAR | NIS |
| DATE | 09.07.13 | COPYRIGHT © DART AEROSPACE LTD |

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061 T6 R0.750
 DATE: 18/07/10

PO / BATCH NO.: P0040358/S090368

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 804
 QUANTITY INSPECTED: 804
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.750"
 THICKNESS RECEIVED: 0.750"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

| DESCRIPTION | NCR (Check Y/N) | | COMMENTS |
|--|------------------------------------|------------------------------------|-----------|
| SURFACE DAMAGE | Y | <input checked="" type="radio"/> N | |
| CORRECT FINISH | <input checked="" type="radio"/> Y | N | |
| CORROSION | Y | <input checked="" type="radio"/> N | |
| CORRECT GRAIN DIRECTION | <input checked="" type="radio"/> Y | N | |
| CORRECT MATERIAL PER M-DRAWING | <input checked="" type="radio"/> Y | N | ASTM B221 |
| CORRECT THICKNESS | <input checked="" type="radio"/> Y | N | |
| PHOTO REQUIRED | Y | <input checked="" type="radio"/> N | |
| CORRECT REF # TO LINK CERT | <input checked="" type="radio"/> Y | N | HT: 69706 |
| CORRECT MATERIAL IDENTIFICATION | <input checked="" type="radio"/> Y | N | |
| CORRECT M# ON THE MATERIAL | <input checked="" type="radio"/> Y | N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y | <input checked="" type="radio"/> N | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y | <input checked="" type="radio"/> N | |

| CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING | HRC | HRB | DUR A | DUR D | WEBSTER |
| | | | | | |
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| | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | | ENGINEERING SIGNOFF (if required) |
|--|-------------------------------------|-----------------------------------|
| INSPECTED BY: <u>AC</u> DATE: <u>18/07/10</u> | SIGNED OFF BY: _____ DATE: _____ | |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061 T6/T651/T6511762 ALUMINUM ROUND BAR
 SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
 OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4180)
 OR ASTM B211 OR ASTM B221

PART NUMBER: M6061T6R(D,DDD)
 DIA.
 WHERE "D,DDD" = DIAMETER IN INCHES
 EG. 5/8" ROUND BAR = M6061T6R0.625

RELEASED
 R 2009-09-09
 NP

| | | | |
|----------|--|----|----------|
| REV | REFORMAT DWG. ADD B211 & B221 SPEC (2N D6-1), REF PAR 08-000A | CP | 09 07 13 |
| A | NEW ISSUE | DS | 01 06 00 |
| REV | DESCRIPTION | BY | DATE |
| DESIGN | | | |
| DRAWN | | | |
| CHECKED | | | |
| MFG APPR | | | |
| APPROVED | | | |
| DE APPR | | | |
| DATE | 09 07 13 | | |

| | |
|-------------------------------------|-------------------|
| DART AEROSPACE LTD | |
| HAWKESBURY, ONTARIO CANADA | |
| DRAWING NO. | M6061T6R |
| TITLE | 6061-T6 ROUND BAR |
| SCALE | NTS |
| SHEET 1 OF 1 | REV B |
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606176LD.563
 DATE: 18/07/10

PO / BATCH NO.: P0040358/S090369

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 84'
 QUANTITY INSPECTED: 84'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .563"
 THICKNESS RECEIVED: .563"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

| DESCRIPTION | NCR (Check Y/N) | | COMMENTS |
|--|-----------------------|-----|----------------------------|
| SURFACE DAMAGE | Y | (N) | |
| CORRECT FINISH | (Y) | N | |
| CORROSION | Y | (N) | |
| CORRECT GRAIN DIRECTION | (Y) | N | |
| CORRECT MATERIAL PER M-DRAWING | (Y) | N | AMS-QQ-A-200/8 |
| CORRECT THICKNESS | (Y) | N | |
| PHOTO REQUIRED | Y | (N) | |
| CORRECT REF # TO LINK CERT | (Y) | N | MM: 01M170825B; 03E170530A |
| CORRECT MATERIAL IDENTIFICATION | (Y) | N | |
| CORRECT M# ON THE MATERIAL | (Y) | N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y | (N) | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y | (N) | |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| TYPE OF MATERIAL | HRC | HRB | DUR A | DUR D | WEBSTER |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | | ENGINEERING SIGNOFF (if required) |
|-------------------------|----------------------|-----------------------------------|
| INSPECTED BY: <u>AT</u> | SIGNED OFF BY: _____ | |
| DATE: <u>18/07/10</u> | DATE: _____ | |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6 / T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER: M6061T6B | T | TTT | X | WWW | WWW |
THICK | WIDTH

WHERE "T TTT" = THICKNESS IN INCHES
"WWW WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
R 2009-05-03
MD

| | | | |
|--|--|-----------------------------|----------|
| B | REMOVE QQ-A-250/11 OPTION REFORMAT NOTES ADD | CP | 09/07/13 |
| A | ASTM B211B221 (2N D7-1) | DS | 01/06/08 |
| REV | NEW ISSUE | BY | DATE |
| DESIGN | DS | DESCRIPTION | |
| DRAWN | DS | DART AEROSPACE LTD | |
| CHECKED | DS | HAWKESBURY, ONTARIO, CANADA | |
| MFG APPR | DS | DRAWING NO. M6061T6B | |
| APPROVED | DS | REV B | |
| DE APPR | DS | TITLE M6061-T6 BAR | |
| DATE | 09.07.13 | SCALE NTS | |
| COPYRIGHT © 2001 BY DART AEROSPACE LTD | | | |

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6B1.000X04.000
 DATE: 18/07/10

PO / BATCH NO.: P0040358/5090370

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 36ft x 40ft
 QUANTITY INSPECTED: 36ft x 40ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000"
 THICKNESS RECEIVED: 1.000"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

| DESCRIPTION | NCR (Check Y/N) | COMMENTS |
|--|---|------------|
| SURFACE DAMAGE | Y <input checked="" type="checkbox"/> N | |
| CORRECT FINISH | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| CORROSION | Y <input checked="" type="checkbox"/> N | |
| CORRECT GRAIN DIRECTION | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| CORRECT MATERIAL PER M-DRAWING | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | ASTM B221 |
| CORRECT THICKNESS | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| PHOTO REQUIRED | Y <input checked="" type="checkbox"/> N | |
| CORRECT REF # TO LINK CERT | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | LT: 3B7163 |
| CORRECT MATERIAL IDENTIFICATION | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| CORRECT M# ON THE MATERIAL | <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y <input checked="" type="checkbox"/> N | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y <input checked="" type="checkbox"/> N | |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| | HRC | HRB | DUR A | DUR D | WEBSTER |
| TYPE OF MATERIAL | | | | | |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | ENGINEERING SIGNOFF (if required) |
|--|-------------------------------------|
| INSPECTED BY: <u>AT</u> DATE: <u>18/07/10</u> | SIGNED OFF BY: _____ DATE: _____ |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

| | | | | | |
|---|--|---|-----------------------------|----------|-------|
| B | | REMOVE QQ-A-350(1), OPTION, REFORMAT NOTES, ADD ASTM B211/B212 (Zn 57-1) | | 09.07.13 | |
| A | | NEW ISSUE | | 01.06.08 | |
| REV | | DESCRIPTION | | BY | DATE |
| DESIGN | | DS | DART AEROSPACE LTD | | |
| DRAWN | | <i>W</i> | HAWKESBURY, ONTARIO, CANADA | | |
| CHECKED | | <i>ALS</i> | DRAWING NO. | | |
| MFG. APPR. | | <i>W</i> | M6061T6B | | |
| APPROVED | | <i>W</i> | SHEET 1 OF 1 | | |
| DE APPR | | <i>W</i> | TITLE | | |
| DATE | | 06061-T6 BAR | | | SCALE |
| | | NATS | | | |
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| 09.07.13 | | | | | |

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M 6061 T6 B1.000 x 02.000

PO / BATCH NO.: P0040358/5090371

DATE: 18/07/10

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: 1.000"

QUANTITY RECEIVED: 12'

THICKNESS RECEIVED: 1.000"

QUANTITY INSPECTED: 12'

SHEET SIZE ORDERED: —

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: —

| DESCRIPTION | NCR (Check Y/N) | | COMMENTS |
|--|------------------------------------|------------------------------------|-----------------------|
| SURFACE DAMAGE | Y | <input checked="" type="radio"/> N | |
| CORRECT FINISH | <input checked="" type="radio"/> Y | N | |
| CORROSION | Y | <input checked="" type="radio"/> N | |
| CORRECT GRAIN DIRECTION | <input checked="" type="radio"/> Y | N | |
| CORRECT MATERIAL PER M-DRAWING | <input checked="" type="radio"/> Y | N | <u>ASTM B221</u> |
| CORRECT THICKNESS | <input checked="" type="radio"/> Y | N | |
| PHOTO REQUIRED | Y | <input checked="" type="radio"/> N | |
| CORRECT REF # TO LINK CERT | <input checked="" type="radio"/> Y | N | <u>MT: 5x F171892</u> |
| CORRECT MATERIAL IDENTIFICATION | <input checked="" type="radio"/> Y | N | |
| CORRECT M# ON THE MATERIAL | <input checked="" type="radio"/> Y | N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y | <input checked="" type="radio"/> N | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y | <input checked="" type="radio"/> N | |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| | HRC | HRB | DUR A | DUR D | WEBSTER |
| TYPE OF MATERIAL | | | | | |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | ENGINEERING SIGNOFF (if required) |
|--|-----------------------------------|
| INSPECTED BY: <u>AT</u> UAS 9 | SIGNED OFF BY: _____ |
| DATE: <u>18/07/10</u> 289 | DATE: _____ |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL 6061T6 / T6510 / T6510 T62 ALUMINIUM BAR

SPECIFICATION:
 QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS-4117/4128/4115/4116)
 OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS-4160)
 OR ASTM B211 OR ASTM B221

PART NUMBER: M6061T6B | T.TTT | X | WWW.WWW
 THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
 "WWW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
 R 2009-09-03
MSD

| | | | |
|------------|--|---|--------------|
| B | REMOVE QQ-A-250/11 OPTION. REFORMAT NOTES. ADD ASTM B211/B221 (2N D7-1) | CP | 09 07 13 |
| A | NEW ISSUE | DS | 01.06.08 |
| REV | DESCRIPTION | BY | DATE |
| DESIGN | DS | DART AEROSPACE LTD | |
| DRAWN | | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | <i>MS</i> | DRAWING NO. | REV. B |
| MFG. APPR. | <i>MS</i> | M6061T6B | SHEET 1 OF 1 |
| APPROVED | <i>MS</i> | TITLE | SCALE |
| DE APPR. | | 6061-T6 BAR | NTS |
| DATE | 09.07.13 | COPYRIGHT © 2001 BY DART AEROSPACE LTD. ALL RIGHTS RESERVED. NO PART OF THIS PUBLICATION MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT PERMISSION IN WRITING. | |

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M60617 6B1.000 x 06.000

PO / BATCH NO.: P0040358/5090372

DATE: 18/07/10

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: 1.000"

QUANTITY RECEIVED: 60'

THICKNESS RECEIVED: 1.000"

QUANTITY INSPECTED: 60'

SHEET SIZE ORDERED: —

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: —

| DESCRIPTION | NCR (Check Y/N) | COMMENTS |
|--|---|---------------|
| SURFACE DAMAGE | Y <input checked="" type="checkbox"/> N | |
| CORRECT FINISH | <input checked="" type="checkbox"/> Y N | |
| CORROSION | Y <input checked="" type="checkbox"/> N | |
| CORRECT GRAIN DIRECTION | <input checked="" type="checkbox"/> Y N | |
| CORRECT MATERIAL PER M-DRAWING | <input checked="" type="checkbox"/> Y N | ASTM B 221 |
| CORRECT THICKNESS | <input checked="" type="checkbox"/> Y N | |
| PHOTO REQUIRED | Y <input checked="" type="checkbox"/> N | |
| CORRECT REF # TO LINK CERT | <input checked="" type="checkbox"/> Y N | LT: 41096-047 |
| CORRECT MATERIAL IDENTIFICATION | <input checked="" type="checkbox"/> Y N | |
| CORRECT M# ON THE MATERIAL | <input checked="" type="checkbox"/> Y N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y <input checked="" type="checkbox"/> N | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y <input checked="" type="checkbox"/> N | |

| CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| TYPE OF MATERIAL | HRC | HRB | DUR A | DUR D | WEBSTER |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | | ENGINEERING SIGNOFF (if required) |
|---|-------------------------------------|-----------------------------------|
| INSPECTED BY: <u><i>AS</i></u> DAS 9 9-89 DATE: <u>18/07/10</u> | SIGNED OFF BY: _____ DATE: _____ | |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061 T6 / 6061 T6510 / 6061 T62 ALUMINUM BAR

SPECIFICATION:
 QQ-A-225/B OR AMS-QQ-A-225/B (OR AMS 4117/4128/4115/4116)
 OR QQ-A-200/B OR AMS-QQ-A-200/B (OR AMS 4160)
 OR ASTM B211 OR ASTM B221

PART NUMBER: M6061T6B | T.TTT | X | WWW.WWW | THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
 "WWW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
 R 2009-03-03
Map

| | | | |
|------------|---|----|----------|
| B | REMOVE QQ-A-250/11 OPTION REFORMAT NOTES, ADD ASTM B211/B221 (2M D7-1) | CP | 09.07.13 |
| A | NEW ISSUE | DS | 01.06.08 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | DS | | |
| DRAWN | | | |
| CHECKED | | | |
| MFG. APPR. | | | |
| APPROVED | | | |
| DE APPR. | | | |
| DATE | 09.07.13 | | |

| | |
|---|--------------|
| DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWING NO. M6061T6B | REV. B |
| TITLE 6061-T6 BAR | SHEET 1 OF 1 |
| SCALE | NTS |
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6B200x2.50
 DATE: 18/07/10

PO / BATCH NO.: P0040328 / S090373

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 2.000"
 THICKNESS RECEIVED: 2.000"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

| DESCRIPTION | NCR (Check Y/N) | COMMENTS |
|--|---|----------------|
| SURFACE DAMAGE | Y <input checked="" type="checkbox"/> N | |
| CORRECT FINISH | <input checked="" type="checkbox"/> Y N | |
| CORROSION | Y <input checked="" type="checkbox"/> N | |
| CORRECT GRAIN DIRECTION | <input checked="" type="checkbox"/> Y N | |
| CORRECT MATERIAL PER M-DRAWING | <input checked="" type="checkbox"/> Y N | AMS-20A-A-2008 |
| CORRECT THICKNESS | <input checked="" type="checkbox"/> Y N | |
| PHOTO REQUIRED | Y <input checked="" type="checkbox"/> N | |
| CORRECT REF # TO LINK CERT | <input checked="" type="checkbox"/> Y N | MT:5470742 |
| CORRECT MATERIAL IDENTIFICATION | <input checked="" type="checkbox"/> Y N | |
| CORRECT M# ON THE MATERIAL | <input checked="" type="checkbox"/> Y N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y <input checked="" type="checkbox"/> N | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y <input checked="" type="checkbox"/> N | |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| TYPE OF MATERIAL | HRC | HRB | DUR A | DUR D | WEBSTER |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| | | | |
|-------------------------|------------|--|--|
| QC 18 INSPECTION | | ENGINEERING SIGNOFF (if required) | |
| INSPECTED BY: <u>AT</u> | <u>DAS</u> | SIGNED OFF BY: _____ | |
| DATE: <u>18/07/10</u> | <u>8</u> | DATE: _____ | |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in